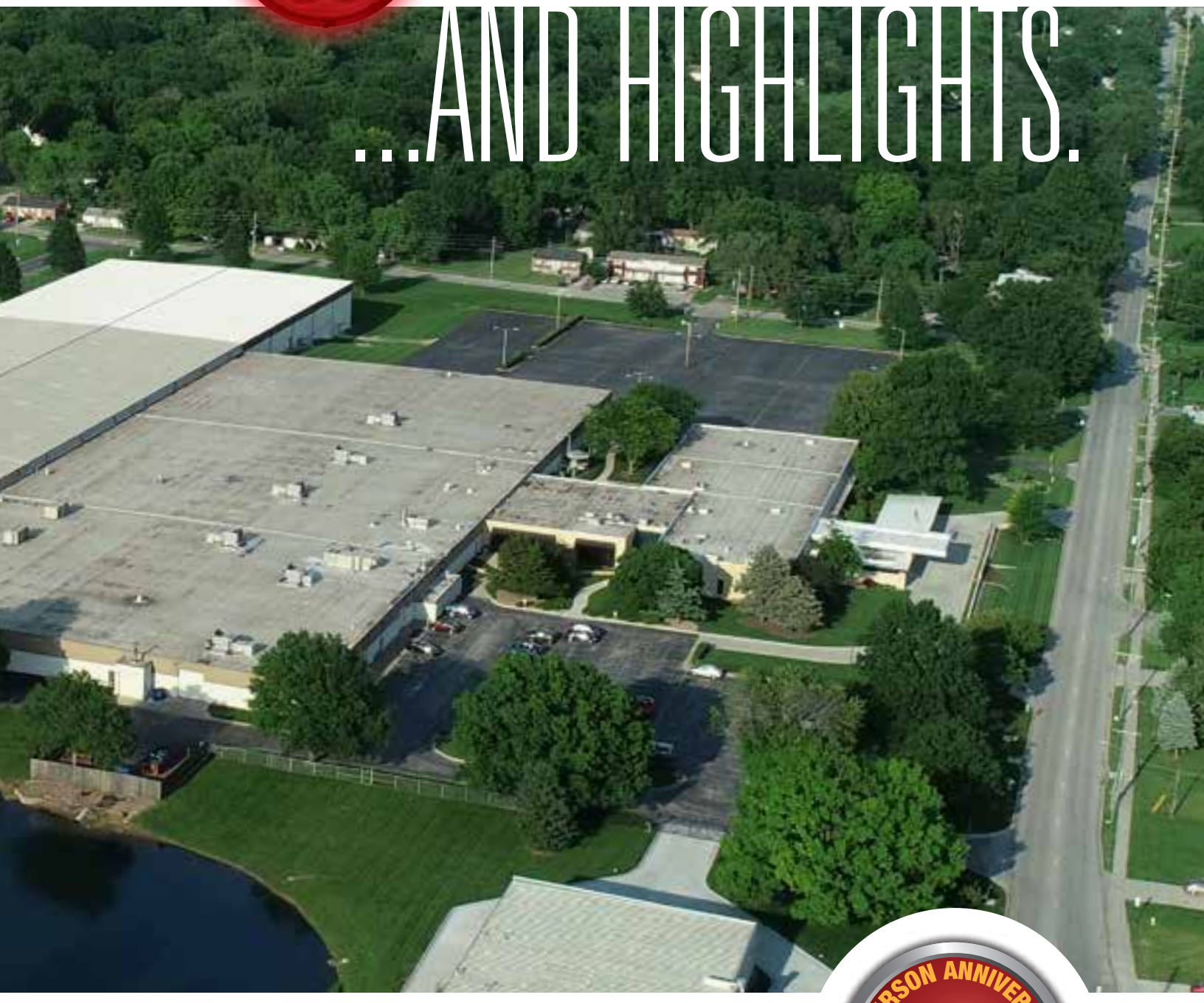
PETERSON
VEHICLE SAFETY LIGHTING

PETERSON ANNIVERSARY
75
1945 - 2020

1945 -2020

75 YEARS OF LIGHTS ...AND HIGHLIGHTS.



Our goal is not to be the biggest. Just the best.

PETERSON ANNIVERSARY 75 1945 - 2020

How To Use The Quick-Reference Icons In This Catalog

A series of handy, quick-reference icons runs down the center of nearly every product page in this catalog. These icons allow you to determine the major features of a particular Peterson product at a glance and compare similar products to determine which one is right for you.

Below is a complete index of all the icons, along with a description of what each one means to you.

APPLICABLE TO ALL PRODUCTS

NEW!	Item appears in the Peterson Master Catalog for the first time.
VIZ PACK	Item is available in our retail-friendly visual packaging.
USA MADE	Product is manufactured in the United States of America.
MARINE RECOMMENDED	Item is submersible and especially suitable for use on boat trailers and other vehicles used around water.
24 Volt Version	One or more versions of this product are designed for use with 24-volt systems.
PC rated	Denotes clearance/marker lights that are PC rated. For additional information on the PC rating, see page 268.
REFLEX	Indicates that a light has integrated retro-reflector functionality that meets applicable legal requirements.
magnetic	One or more versions of this product are available with a quick-mount magnetic base.
ECE EXPORT ONLY / ECE & DOT	Indicates that a product either meets ECE lighting requirements only, or meets both ECE and U.S. DOT requirements. See page 158.

Non-Peterson trade names appearing in this catalog are used for descriptive purposes only. Peterson acknowledges that these trademarks remain the property of their respective owners.

FOR INCANDESCENT PRODUCTS

2 bulbs	Indicates the number of bulbs in each incandescent light equipped with multiple bulbs.
VIBAR	Item is equipped with our long life VIBAR or VIBAR II shock-absorbing incandescent socket.
LED LED Version Available	Indicates that Peterson offers an LED light of similar form and function.
LONG LIFE BULB	Indicates that an incandescent bulb is equipped with a premium bulb with a life rating of up to 15,000 hours.

FOR LED PRODUCTS

10 diodes / 2/3 diodes	Indicates the number of light emitting diodes in each of our LED lights. In some cases, related versions may have different diode counts.
DEFENDER APPROVED	Approved for Maxi-Seal® Defender® harness system's Lifetime Limited Corrosion Warranty. (Ask for details.)
LumenX	Product is part of our new LumenX® line of premium LED lights.
HARD WIRED	An LED product equipped with integrated hardwired leads, eliminating corrosion-prone connection at light housing.
LED Strobe	LED warning light with high-intensity strobing diodes.
MV Multi-Volt 12V & 24V	LED product is multi-volt compatible for use with both 12V and 24V systems.
REG Voltage Regulated	Indicates a premium LED product with integrated voltage regulation circuitry for consistent output and long life.
CLEAR LENS COLORED LIGHT	One or more versions of this LED light feature a clear lens with diodes that light up in the appropriate color.

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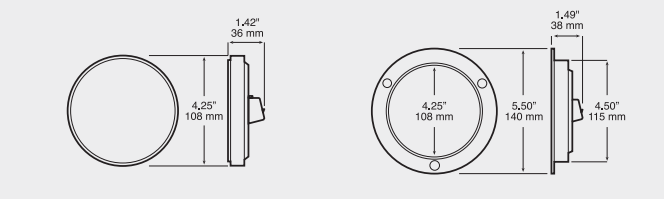
Dimensional illustrations and schematics shown in this catalog are intended to provide general marketing information only. Details and measurements may be approximate, and should not be relied on for engineering purposes.

817-7/818-7 *LumenX*® LED
4" Round Stop, Turn & Tail Light

7 diodes | VIZ PACK | DEFENDER APPROVED | LumenX | USA MADE | REG Voltage Regulated

- White diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 818-7 has flange integrated into the housing.
- 817-7 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 817 kit includes light, grommet and 817-49 plug.
- 818 kit includes light and 817-49 plug.

Order No.		Description	Pack	Std Carton
V818R-7		flange mount	Viz Pack	6
817R-7		grommet mount	poly pack	6
818R-7		flange mount	poly pack	6
817KR-7	KIT	grommet mount kit	poly pack	6
818KR-7	KIT	flange mount kit	poly pack	6
M817R-7		grommet mount	mfg. pack	50
M818R-7		flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100

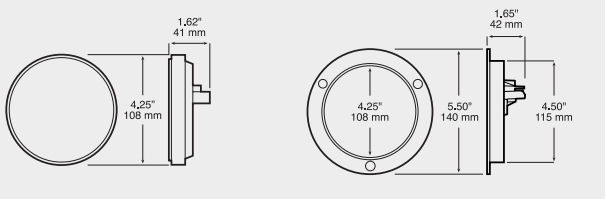


824-7/826-7 *LumenX*® LED
4" Round Stop, Turn & Tail Light

7 diodes | VIZ PACK | LumenX | USA MADE | REG Voltage Regulated

- White diodes behind red lens.
- Advanced optics fully illuminate lens.
- Industry-standard PL3 socket integrated into housing.
- 824-7 has flange integrated into the housing.
- 826-7 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 826 kit includes light, grommet and 431-491 plug.
- 824 kit includes light and 431-491 plug.

Order No.		Description	Pack	Std Carton
V826KR-7	KIT	grommet mount kit	Viz Pack	6
V824KR-7	KIT	flange mount kit	Viz Pack	6
826R-7		grommet mount	poly pack	6
824R-7		flange mount	poly pack	6
826KR-7	KIT	grommet mount kit	poly pack	6
824KR-7	KIT	flange mount kit	poly pack	6
M826R-7		grommet mount	mfg. pack	50
M824R-7		flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
431-491		plug	poly pack	12
B431-491		plug	mfg. pack	100

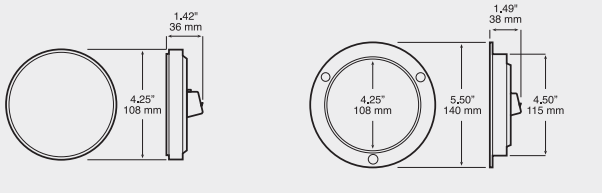


817-9/818-9 *LumenX*® LED
4" Round Stop, Turn & Tail Light

9 diodes | DEFENDER APPROVED | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- White diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- 818-9 has flange integrated into the housing.
- 817-9 has skirted weld joint for added protection against moisture.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 817 kit includes light, grommet and 817-49 plug.
- 818 kit includes light and 817-49 plug.

Order No.		Description	Pack	Std Carton
817R-9		grommet mount	poly pack	6
818R-9		flange mount	poly pack	6
817KR-9	KIT	grommet mount kit	poly pack	6
818KR-9	KIT	flange mount kit	poly pack	6
M817R-9		grommet mount	mfg. pack	50
M818R-9		flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100

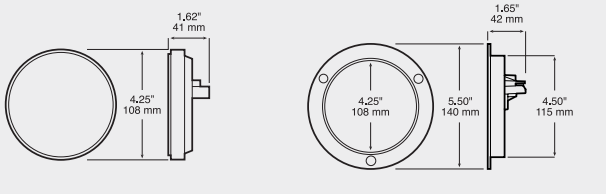


824-9/826-9 *LumenX*® LED
4" Round Stop, Turn & Tail Light

9 diodes | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- White diodes behind red lens.
- Advanced optics fully illuminate lens.
- Industry-standard PL3 socket integrated into housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- 824-9 has flange integrated into the housing.
- 826-9 has skirted weld joint for added protection against moisture.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 826 kit includes light, grommet and 431-491 plug.
- 824 kit includes light and 431-491 plug.

Order No.		Description	Pack	Std Carton
826R-9		grommet mount	poly pack	6
824R-9		flange mount	poly pack	6
826KR-9	KIT	grommet mount kit	poly pack	6
824KR-9	KIT	flange mount kit	poly pack	6
M826R-9		grommet mount	mfg. pack	50
M824R-9		flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
431-491		plug	poly pack	12
B431-491		plug	mfg. pack	100

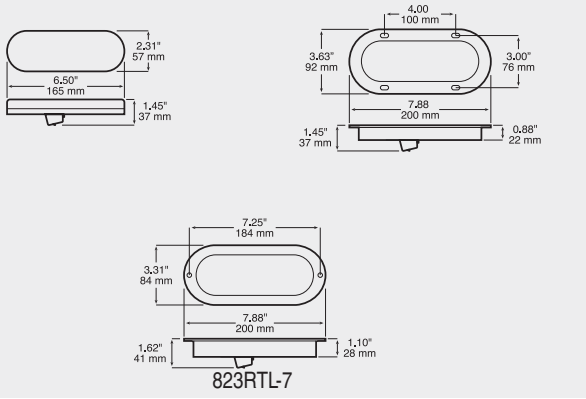


820-7 / 823-7 *LumenX*® LED Oval Stop/Turn/Tail Light

7 diodes · DEFENDER APPROVED · LumenX · USA MADE · REG Voltage Regulated

- White diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 823-7 has flange welded to light, forming a single unit.
- 820 kit includes light, grommet and 817-49 plug.
- 823 kit includes light and 817-49 plug.
- 823RTL-7 version has integral narrower flange with recessed lens and two mounting holes positioned at ends for narrower rail applications.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.

Order No.		Description	Pack	Std Carton
820R-7		grommet mount	poly pack	6
823R-7		flange mount	poly pack	6
823RTL-7		narrow, 2-screw flange	poly pack	6
820KR-7	KIT	grommet mount kit	poly pack	6
823KR-7	KIT	flange mount kit	poly pack	6
M820R-7		grommet mount	mfg. pack	50
M823R-7		flange mount	mfg. pack	50
M823RTL-7		narrow, 2-screw flange	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100

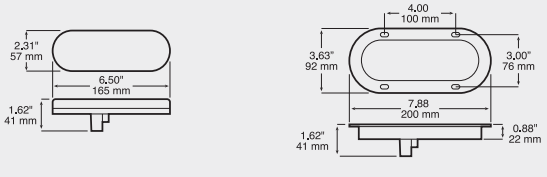


821-7 / 822-7 *LumenX*® LED Oval Stop/Turn/Tail Light

7 diodes · VIZ PACK · LumenX · USA MADE · REG Voltage Regulated

- White diodes behind red lens.
- Advanced optics fully illuminate lens.
- Industry-standard PL3 socket integrated into housing.
- 822-7 has flange welded to light, forming a single unit.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 821 kit includes light, grommet and 421-491 plug.
- 822 kit includes light and 421-491 plug.

Order No.		Description	Pack	Std Carton
V821KR-7	KIT	grommet mount kit	Viz Pack	6
V822KR-7	KIT	flange mount kit	Viz Pack	6
821R-7		grommet mount	poly pack	6
822R-7		flange mount	poly pack	6
821KR-7	KIT	grommet mount kit	poly pack	6
822KR-7	KIT	flange mount kit	poly pack	6
M821R-7		grommet mount	mfg. pack	50
M822R-7		flange mount	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
421-491		plug	poly pack	12
B421-491		plug	mfg. pack	100

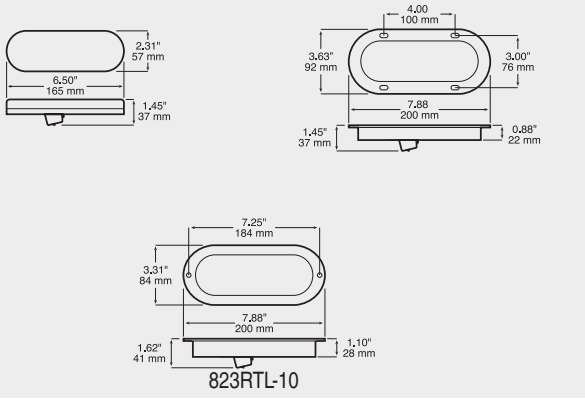


820-10/823-10 *LumenX*® LED Oval Stop/Turn/Tail Light

10 diodes | DEFENDER APPROVED | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- White diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- 823-10 has flange welded to light, forming a single unit.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 820 kit includes light, grommet and 817-49 plug.
- 823 kit includes light and 817-49 plug.

Order No.		Description	Pack	Std Carton
820R-10		grommet mount	poly pack	6
823R-10		flange mount	poly pack	6
820KR-10	KIT	grommet mount kit	poly pack	6
823KR-10	KIT	flange mount kit	poly pack	6
M820R-10		grommet mount	mfg. pack	50
M823R-10		flange mount	mfg. pack	50
M823RTL-10		narrow, 2-screw flange	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100



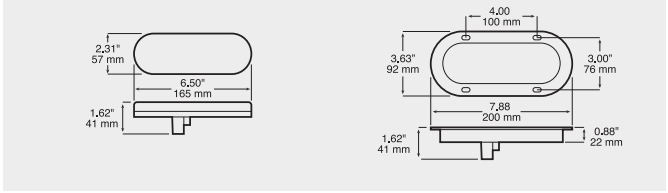
823RTL-10

821-10/822-10 *LumenX*® LED Oval Stop/Turn/Tail Light

10 diodes | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- White diodes behind red lens.
- Advanced optics fully illuminate lens.
- Industry-standard PL3 socket integrated into housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- 822-10 has flange welded to light, forming a single unit.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 821 kit includes light, grommet and 421-491 plug.
- 822 kit includes light and 421-491 plug.

Order No.		Description	Pack	Std Carton
821R-10		grommet mount	poly pack	6
822R-10		flange mount	poly pack	6
821KR-10	KIT	grommet mount kit	poly pack	6
822KR-10	KIT	flange mount kit	poly pack	6
M821R-10		grommet mount	mfg. pack	50
M822R-10		flange mount	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
421-491		plug	poly pack	12
B421-491		plug	mfg. pack	100



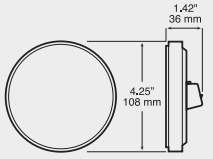
TRADITIONAL 36 DIODE PIRANHA®

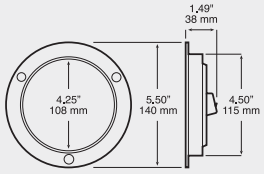
417/418 Piranha® LED 4" Round Stop/Turn/Tail Light

36 diodes · VIZ PACK · HARD WIRED · USA MADE

- Original 36-diode Piranha multi-diode lens look.
- 418 has flange welded to light, forming a single unit.
- 417 has skirted weld joint for added protection against moisture.
- 9-16 volt operating range.
- Reverse voltage protection prevents damage if mis-installed.
- Does not require "Top" positioning to meet FMVSS 108 standards.
- Lights have hardwired leads with a built-in PL3 3-wire adapter plug, except for M417R and M418R, which have stripped leads.
- Viz Packs include LED light with built-in adapter plug.
- V417KR kit includes 417R-P light and 426-18 mounting grommet.
- See page 38 for matching amber turn signal.

Order No.		Description	Pack	Std Carton
V417KR	KIT	red kit w/ adapter plug	Viz Pack	6
V418KR	KIT	red w/ flange & adapter plug	Viz Pack	6
M417R		red w/ stripped leads	mfg. pack	50
M418R		red w/ flange & stripped leads	mfg. pack	50
M417R-P		red w/ adapter plug	mfg. pack	50
M418R-P		red w/ flange & adapter plug	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100





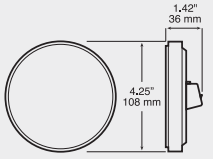
TRADITIONAL 36 DIODE PIRANHA®

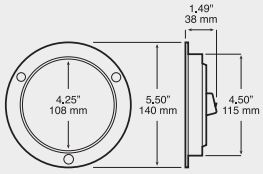
817-36/818-36 Piranha® LED 4" Round Stop/Turn/Tail Light

36 diodes · VIZ PACK · DEFENDER APPROVED · LumenX · USA MADE · REG Voltage Regulated

- Original 36-diode Piranha multi-diode lens look.
- AMP-compatible connector integrated into housing.
- Advanced white diodes behind red lens.
- 818-36 has flange welded to light, forming a single unit.
- 817-36 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- V817KR-36 Viz-Pack kit includes light, grommet and 417-49 plug.
- See page 14 for clear lens version.
- See page 38 for matching amber turn signal.

Order No.		Description	Pack	Std Carton
V817KR-36	KIT	red, grommet mount	Viz Pack	6
817R-36		red, grommet mount	poly pack	6
818R-36		red, flange mount	poly pack	6
M817R-36		red, grommet mount	mfg. pack	50
M818R-36		red, flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100





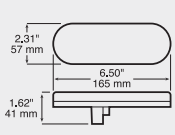
TRADITIONAL 22 DIODE PIRANHA®

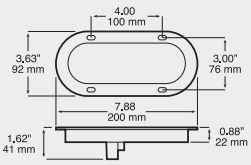
821-22/822-22 Piranha® LED Oval Stop/Turn/Tail Light

22 diodes | VIZ PACK | HARD WIRED | USA MADE | REG Voltage Regulated

- Original 22-diode Piranha multi-diode lens look.
- Advanced white diodes behind red lens.
- 822 has flange welded to light, forming a single unit.
- Industry-standard PL3 socket integrated into housing.
- V821KR-22 Viz-Pack kit includes light, grommet and 421-491 plug.
- 9-16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.
- See page 39 for matching amber turn signal.

Order No.		Description	Pack	Std Carton
V821R-22		red, grommet	Viz Pack	6
V821KR-22	KIT	red, grommet kit	Viz Pack	6
821R-22		red, grommet mount	poly pack	6
822R-22		red, flange mount	poly pack	6
M821R-22		red, grommet mount	mfg. pack	50
M822R-22		red, flange mount	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
421-491		plug	poly pack	12
B421-491		plug	mfg. pack	100





TRADITIONAL 22 DIODE PIRANHA®

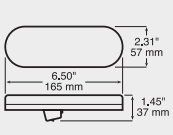
420/423/820-22/823-22 Piranha® LED Oval Stop/Turn/Tail Light

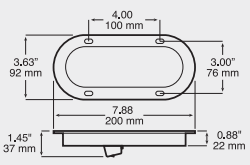
22 diodes | DEFENDER APPROVED | LumenX | USA MADE | REG Voltage Regulated

417-491

- Original 22-diode Piranha multi-diode lens look.
- AMP-compatible connector integrated into housing.
- Advanced white diodes behind red lens.
- 823-22 has flange welded to light, forming a single unit.
- 420 kit includes light, grommet, and 417-491 adapter harness with PL3 plug.
- 423 kit includes light and 417-491 adapter harness with PL3 plug.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.
- See page 39 for matching amber turn signal.

Order No.		Description	Pack	Std Carton
V420KR	KIT	red, grommet kit	Viz Pack	6
V423KR	KIT	red, flange kit	Viz Pack	6
820R-22		red, grommet mount	poly pack	6
823R-22		red, flange mount	poly pack	6
M820R-22		red, grommet mount	mfg. pack	50
M823R-22		red, flange mount	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100
417-491		adapter plug	poly pack	6
B417-491		adapter plug	mfg. pack	100





LumenX IBL
2-in-1 PATENTED

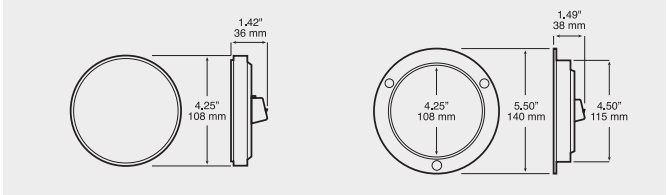
882-7/883-7 *LumenX*® LED
4" Round Combo Stop, Turn, Tail & Back-Up Light

7 diodes | DEFENDER APPROVED | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Cyclops-style design integrates back-up light into stop/turn/tail light.
- Single bright white diode meets legal back-up light req. used in pairs.
- Available w/ integral AMP-compatible receptacles or hardwired leads.
- -7P versions have hardwired PL3 receptacle.
- Available in 9-16 volt or 9-32 (-MV) operating ranges.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- Kits include B880-49 and B417-49 plugs, plus grommet where req.

Order No.		Description	Pack	Std Carton
882K-7	KIT	grommet mount kit	poly pack	6
882K-7-MV	KIT	grommet mount kit, multi-volt	poly pack	6
883K-7	KIT	flange mount kit	poly pack	6
883K-7-MV	KIT	flange mount kit, multi-volt	poly pack	6
M882-7		grommet mount	mfg. pack	50
M882-7-MV		grommet mount, multi-volt	mfg. pack	50
M882-7P		grommet mount, hardwired PL3	mfg. pack	50
M883-7		flange mount	mfg. pack	50
M883-7-MV		flange mount, multi-volt	mfg. pack	50
M883-7P		flange mount, hardwired PL3	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
417-49		hardshell plug, 3-wire	poly pack	6
B417-49		hardshell plug, 3-wire	mfg. pack	100
880-49		plug, single lead	poly pack	6
B880-49		plug, single lead	mfg. pack	100

See pages 202–207 for additional plug options



LumenX IBL
2-in-1 PATENTED

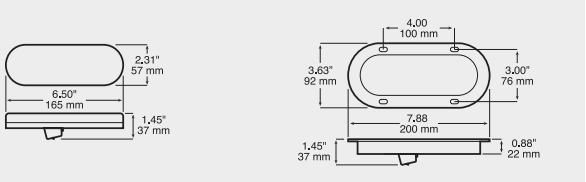
880-7/881-7 *LumenX*® LED
Oval Combo Stop, Turn, Tail & Back-Up Light

7 diodes | DEFENDER APPROVED | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Cyclops-style design integrates back-up light into stop/turn/tail light.
- Single bright white diode meets legal back-up light req. used in pairs.
- Available w/ integral AMP-compatible receptacles or hardwired leads.
- -7P versions have hardwired PL3 receptacle & blunt-cut back-up lead.
- Available in 9-16 volt or 9-32 (-MV) operating ranges.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.

Order No.		Description	Pack	Std Carton
880K-7	KIT	grommet mount kit	poly pack	6
880K-7-MV	KIT	grommet mount kit, multi-volt	poly pack	6
881K-7	KIT	flange mount kit	poly pack	6
881K-7-MV	KIT	flange mount kit, multi-volt	poly pack	6
M880-7		grommet mount	mfg. pack	50
M880-7-MV		grommet mount, multi-volt	mfg. pack	50
M880-7P		grommet mount, hardwired PL3	mfg. pack	50
M880-PL3		grommet, hardwired, twin PL3s	mfg. pack	50
M881-7		flange mount	mfg. pack	50
M881-7-MV		flange mount, multi-volt	mfg. pack	50
M881-7P		flange mount, hardwired PL3	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
417-49		hardshell plug, 3-wire	poly pack	6
B417-49		hardshell plug, 3-wire	mfg. pack	100
880-49		plug, single lead	poly pack	6
B880-49		hardshell plug, single lead	mfg. pack	100

See pages 202–207 for additional plug options



STOP TURN & TAIL LIGHTS

RECESSED LENS

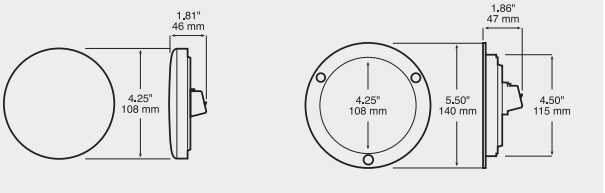
814/816 Single Diode LED 4" Round Stop/Turn/Tail Light

1 diode | USA MADE

- Single diode LED light with traditional incandescent lens look.
- AMP-compatible connector integrated into housing.
- 9-16 volt operating range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 816R requires 426-18 grommet.
- 814R features gray housing with integral mounting flange.
- 814R flange has recessed lens.
- 417-49 or 817-49 plug required for installation.

Order No.	Description	Pack	Std Carton
816R	grommet mount	poly pack	6
814R	flange mount	poly pack	6
M816R	grommet mount	mfg. pack	50
M814R	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
817-49	molded plug	poly pack	12
B817-49	molded plug	mfg. pack	100

See pages 202–207 for additional plug options



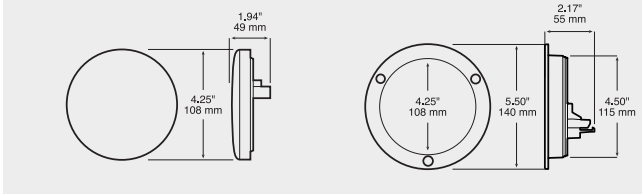
RECESSED LENS

824/826 Single Diode LED 4" Round Stop/Turn/Tail Light

1 diode | USA MADE | MV Multi-Volt 12V & 24V

- Single diode LED light with traditional incandescent lens look.
- Industry-standard PL3 socket integrated into housing with locking tabs for added plug retention.
- Available in 9-16 volt or 9-32 (-MV) operating ranges.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 826R requires 426-18 grommet.
- 824R features gray housing with integral mounting flange.
- 824R flange has recessed lens.
- 431-491 plug required for installation.

Order No.	Description	Pack	Std Carton
826R	grommet mount	poly pack	6
824R	flange mount	poly pack	6
826R-MV	grommet mount, multi-volt	poly pack	6
824R-MV	flange mount, multi-volt	poly pack	6
M826R	grommet mount	mfg. pack	50
M824R	flange mount	mfg. pack	50
M826R-MV	grommet mount, multi-volt	mfg. pack	50
M824R-MV	flange mount, multi-volt	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100



LED STOP TURN & TAIL

827 Single Diode LED
4" Round Stop/Turn/Tail Light w/ Reflex

1 diode | USA MADE | REFLEX

- Single diode LED light w/traditional incandescent lens look.
- Features reflector optics around lens periphery, eliminating need to mount and maintain a separate reflector.
- Industry-standard PL3 socket integrated into housing.
- M827FR has flange welded to light, forming a single unit.
- 9-16 volt operating range.
- Does not require “Top” positioning to meet FMVSS 108 standard.
- Requires 426-18 grommet and 431-491 plug for installation.
- 827KR kit contains mounting grommet and connecting plug.
- **NOTE:** Less than 75 sq. cm of effective, projected luminous lens area. For use on vehicles under 80" wide unless used in pairs per side.

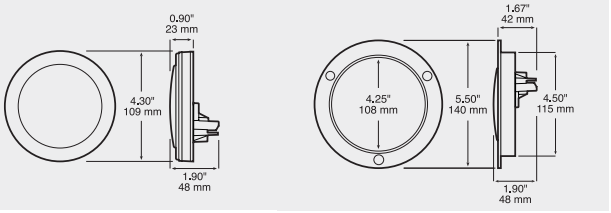
Order No.		Description	Pack	Std Carton
827R		red with reflex	poly pack	6
827KR	KIT	red with reflex, kit	poly pack	12
M827R		red with reflex	mfg. pack	50
M827FR		red with reflex, flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
431-491		plug	poly pack	12
B431-491		plug	mfg. pack	100

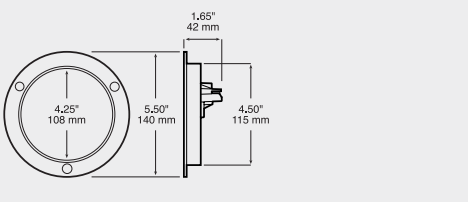
829-7 LumenX® LED
4" Round Stop/Turn/Tail Light w/ Reflex

7 diodes | LumenX | USA MADE | REG Voltage Regulated | REFLEX

- White diodes behind red lens.
- Optically advanced design fully illuminates lens.
- Industry-standard PL3 socket integrated into housing.
- Flange with reflector optics integrated into lens, eliminating need for separate reflector.
- 9-16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Does not require “Top” positioning to meet FMVSS 108 standard.
- Includes protective gasket.
- See page 98 for matching 829C-7 back-up light.

Order No.	Description	Pack	Std Carton
829R-7	flange mount with reflex	poly pack	6
M829R-7	flange mount with reflex	mfg. pack	50
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100



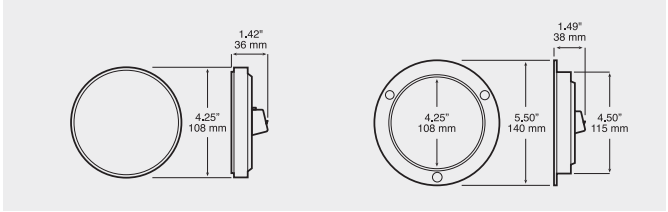


817/818CR-2 LED
4" Round Stop/Turn/Tail Light

10 diodes | DEFENDER APPROVED | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated | CLEAR LENS COLORED LIGHT

- Features red diodes behind clear lens.
- AMP-compatible connector integrated into housing.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- 817CR-2 has skirted weld joint for added protection against moisture.
- 818CR-2 has flange welded to light, forming a single unit.
- See page 40 for matching amber turn signal.
- New design 817CR-9 & 818CR-9 coming soon.

Order No.	Description	Pack	Std Carton
817CR-2	10 diodes w/ clear lens	poly pack	6
818CR-2	10 diodes w/ clear lens, flange	poly pack	6
M817CR-2	10 diodes w/ clear lens	mfg. pack	50
M818CR-2	10 diodes w/ clear lens, flange	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100

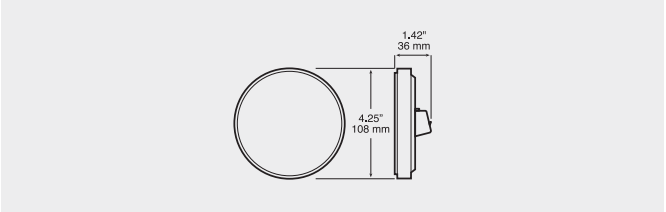


817CR-3 LED
4" Round Stop/Turn/Tail Light

7 diodes | DEFENDER APPROVED | USA MADE | CLEAR LENS COLORED LIGHT

- Features red diodes behind clear lens.
- AMP-compatible connector integrated into housing.
- 9-16 volt operating range.
- Skirted weld joint for added protection against moisture.

Order No.	Description	Pack	Std Carton
M817CR-3	7 diodes w/ clear lens	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100



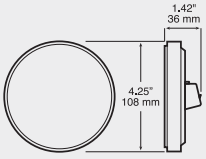
TRADITIONAL 36 DIODE
PIRANHA®

817CR-36/818CR-36 Piranha® LED 4" Round Stop/Turn/Tail Light

36 diodes | VIZ PACK | DEFENDER APPROVED | LumenX | USA MADE | REG Voltage Regulated | CLEAR LENS COLORED LIGHT

- Features red diodes behind clear lens.
- AMP-compatible connector integrated into housing.
- 9–16 volt operating range.
- 817CR-36 has skirted weld joint for added protection against moisture.
- 818CR-36 has flange welded to light, forming a single unit.
- Viz-Pack kit includes light, grommet and 417-49 plug.

Order No.		Description	Pack	Std Carton
V817KCR-36	KIT	red, grommet mount	Viz Pack	6
817CR-36		red, grommet mount	poly pack	6
818CR-36		red, flange mount	poly pack	6
M817CR-36		red, grommet mount	mfg. pack	50
M818CR-36		red, flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100

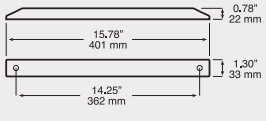


869 LED LED Thin-Line Stop/Turn/Tail Light

8 diodes | VIZ PACK | HARD WIRED

- Meets DOT requirements vertically, horizontally or at 45 degree angle.
- Thin-line design fits narrow channel applications.
- Perfect for light- and medium-duty enclosed trailers.
- Hardwired design eliminates the need for separate plug and reduces connection points.
- 9–16 volt operating range.
- Mounts on 14 ¼" centers.

Order No.	Description	Pack	Std Carton
869R	red	poly pack	6
M869R	red	mfg. pack	50



418R-4 LED
Surface Mount 4" Round Stop Turn & Tail Light

10 diodes | HARD WIRED

- 9-16 volt operating range.
- Hardwired design eliminates the need for separate plug and reduces connection points.
- Surface mounting for quick and versatile installation.
- Accessory snap-on chrome bezel available.

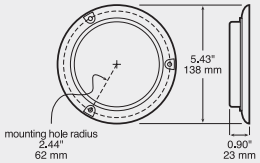
Order No.	Description	Pack	Std Carton
418R-4	red surface mount	poly pack	6
M418R-4	red surface mount	mfg. pack	50
B418-10	chrome bezel	mfg. pack	50

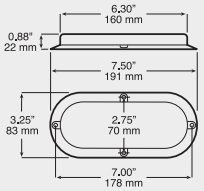
423-4 LED
Surface Mount Oval Stop/Turn/Tail Light

10 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V

- Meets FMVSS 108 requirements when mounted horizontally or vertically.
- 9-32 volt operating range. (Viz-Pack version 12V only)
- Hardwired design eliminates the need for separate plug and reduces connection points.
- Surface mounting for quick and versatile installation.
- Decorative snap-on chrome bezel is included with Viz Pack kit or available as accessory for manufacturer pack.
- Amber auxiliary turn signal version also available. See page 44.
- White auxiliary light version also available. See page 119.

Order No.		Description	Pack	Std Carton
V423XR-4	KIT	12V red kit with bezel	Viz Pack	3
423R-4		multi-volt red	poly pack	6
M423R-4		multi-volt red	mfg. pack	50
423-11		chrome bezel	poly pack	12
B423-11		chrome bezel	mfg. pack	50





Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com

717 LED
7" Bus & Transit Stop/Turn/Tail Light

17 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | REFLEX

- Round, 7-inch size popular for bus and transit applications.
- Sealed potted design.
- 9–32 volt operating range.
- Surface mount with standard 4-hole mounting pattern.
- Comes standard with mounting gasket providing additional protection between lamp and mounting surface.
- Hardwired leads are terminated with two .180 male bullets and one ring terminal for ground.
- Features reflex optics on lens eliminating need to mount and maintain a separate reflector.
- Matching amber turn signal available on page 44.
- Matching white back-up light available on page 99.

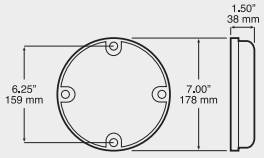
Order No.	Description	Pack	Std Carton
717R	surface mount	poly pack	20

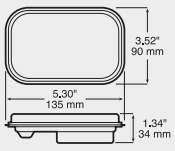
850-1 LED
Rectangular Stop/Turn/Tail Light

11 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE & DOT

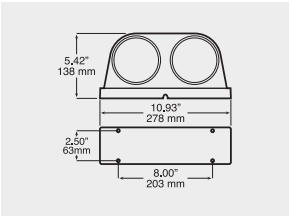
- Certified to meet both FMVSS 108 (USA) & ECE (European) requirements in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress protection level.
- 9–32 volt operating range.
- Hardwired design eliminates the need for separate plug and reduces connection points.
- 850R has 6.5' leads, others have 300mm (11.8") leads.
- 850R-1P has hardwired PL3 plug.
- Matching amber turn signal available on page 44.
- Matching white back-up light available on page 99.

Order No.	Description	Pack	Std Carton
P850R-1	red, 12" leads	poly pack	6
850R	red, 6.5ft sheathed leads	mfg. pack	10
850R-1	red, 12" leads	mfg. pack	10
850R-1P	red, 12" leads w/ PL3 plug	mfg. pack	10
850-18	rubber grommet	poly pack	12
B850-18	rubber grommet	mfg. pack	100





4-pin plug

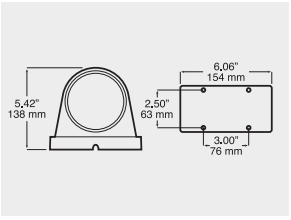


318 LED
Agricultural Stop, Tail, Turn & Warning Light

44 diodes | HARD WIRED

- ASAE S279.17 compliant.
- Perfect for all agricultural applications.
- Combination lights function as both red stop and tail light and amber turn signal and flashing warning light.
- Works with all 12-volt vehicles.
- Can be mounted to vertical or horizontal surfaces.
- Available with stripped leads or 4-pin plug for easy installation.

Order No.	Description	Pack	Std Carton
318L	roadside, stripped leads	mfg. pack	16
318L-P	roadside, 4-pin plug	mfg. pack	16
318L-AMP	roadside, hardshell connector	mfg. pack	16
318R	curbside, stripped leads	mfg. pack	16
318R-P	curbside, 4-pin plug	mfg. pack	16
318R-AMP	curbside, hardshell connector	mfg. pack	16

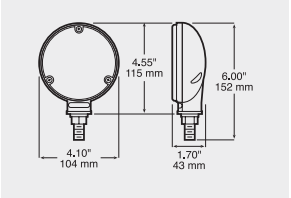


319 LED
Agricultural Stop/Turn/Tail Light

12 diodes | HARD WIRED

- ASAE S279.17 compliant.
- Perfect for all agricultural applications.
- Single-sided red stop and tail light.
- Works with all 12-volt vehicles.
- Can be mounted to vertical or horizontal surfaces.
- Stripped leads for easy installation.
- See matching 319AA amber turn signal/warning light on page 43.

Order No.	Description	Pack	Std Carton
319R	red, stripped leads	mfg. pack	24



339 LED
Round Single-Face Pedestal Stop/Turn/Tail Light

24 diodes | VIZ PACK | HARD WIRED

- Single stud pedestal mount.
- 3-wire electrical connection.
- Single 4" round acrylic lens.
- Chrome die-cast housing.
- 339R-DEU has hardwired Deutsch-style connector
- Matching 338-2 amber/red and 339A amber turn signals available on page 42.

Order No.	Description	Pack	Std Carton
V339R	red	Viz Pack	6
M339R	red	mfg. pack	24
M339R-DEU	red, hardwired connector	mfg. pack	24

LED COMBINATION REAR LIGHTS

840 LED
Under 80" Wide Combination Rear Light

11/15 diodes | VIZ PACK | HARD WIRED | MARINE RECOM-MENDED | REFLEX

- Combination LED stop, turn and tail light.
- Solid state construction—no bulbs to break or burn out.
- Fully sealed, submersible construction.
- Potted circuitry protects against moisture, corrosion, and vibration.
- Lower amp draw than incandescent lights.
- Designed to directly replace 440-series incandescent lights.
- M840L roadside light includes license light.
- Integral, dedicated side marker.
- Exceeds all DOT rear lighting and reflex requirements for trailers less than 80" wide.

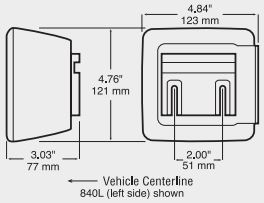
Order No.	Description	Pack	Std Carton
V840	without license light	Viz Pack	6
V840L	with license light	Viz Pack	6
840	without license light	poly pack	6
840L	with license light	poly pack	6
M840	without license light	mfg. pack	24
M840L	with license light	mfg. pack	24

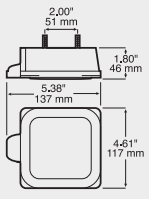
844 LED Low Profile
Over 80" Wide Combination Rear Light

6/7 diodes | VIZ PACK | USA MADE | HARD WIRED | MARINE RECOM-MENDED | REFLEX

- Combination LED stop, turn and tail light.
- Fully sealed, submersible construction.
- Low profile, durable design.
- M844L roadside light includes license light.
- Exceeds all DOT rear lighting and reflex requirements for all trailers, including those 80" wide and over.
- Advanced lens optics for an evenly lit appearance.
- M844-BT3 has leads terminated with three .180 bullet connectors.
- Replacement lenses available.

Order No.	Description	Pack	Std Carton
V844	without license light	Viz Pack	6
V844L	with license light	Viz Pack	6
844	without license light	poly pack	6
844L	with license light	poly pack	6
M844	without license light	mfg. pack	24
M844-BT3	without license light, .180 bullets	mfg. pack	24
M844L	with license light	mfg. pack	24
844-252	rear lens	poly pack	10
844-253	side lens	poly pack	10



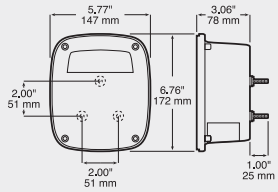


845 LED
Over 80" Wide Combination Rear Light w/ Back-Up

29/35 diodes | VIZ PACK | HARD WIRED | REFLEX

- Combination stop, turn, tail and back-up light with integral reflex.
- "L" version includes LED license light.
- Potted LED circuitry protects against moisture and road-shock.
- Popular 3-stud mounting design fits a wide range of applications.

Order No.	Description	Pack	Std Carton
V845	without license light	Viz Pack	6
V845L	with license light	Viz Pack	6
845	without license light	box	12
845L	with license light	box	12

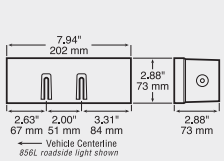


856 LED
Rectangular Over 80" Wide Combination Rear Light

10/14 diodes | VIZ PACK | HARD WIRED | MARINE RECOMMENDED | REFLEX

- Combination LED stop, turn and tail light.
- Solid state construction—no bulbs to break or burn out.
- Fully sealed, submersible construction.
- Potted circuitry protects against moisture, corrosion, and vibration.
- Lower amp draw than incandescent lights.
- Designed to directly replace 456-series incandescent lights.
- M856L roadside light includes license light.
- Integral, dedicated side marker diode.
- Carriage mounting bolts included.
- Exceeds all DOT rear lighting and reflex requirements for all trailers, including those 80" wide and over.

Order No.	Description	Pack	Std Carton
V856	without license light	Viz Pack	6
V856L	with license light	Viz Pack	6
856	without license light	poly pack	6
856L	with license light	poly pack	6
M856	without license light	mfg. pack	30
M856L	with license light	mfg. pack	30



LED TRAILER LIGHT KITS

941 LED
Under 80" Wide Trailer Rear Light Kit

LED · VIZ PACK · HARD WIRED · MARINE RECOMMENDED · REFLEX

- Submersible LED rear lighting kit for trailers under 80" wide.
- Includes one each of our 840/840L LED tail lights plus 20' trailer harness, license bracket, mounting hardware, and installation instructions.
- Front side marker lights and side reflectors are necessary to meet DOT requirements.
- Replacement harness available separately.
- Attractive, secure visual pack.

Order No.		Description	Pack	Std Carton
V941	KIT	LED rear light kit	Viz Pack	2

944 LED Low Profile
Over 80" Wide Rear Trailer Light Kit

LED · VIZ PACK · USA MADE · HARD WIRED · MARINE RECOMMENDED · REFLEX

- Submersible LED rear lighting kit for all trailers, including those 80" wide and over.
- Includes one each of our 844/844L LED tail lights plus 25' trailer harness, license bracket, mounting hardware, and installation instructions.
- Front side marker lights, ID lights and side reflectors are necessary to meet DOT requirements.
- Low profile design.
- Advanced lens optics for an evenly lit appearance.

Order No.		Description	Pack	Std Carton
V944	KIT	LED trailer light kit	Viz Pack	2
844-252		replacement rear lens	poly pack	10
844-253		replacement side lens	poly pack	10

947 LED
Over 80" Wide Rear Trailer Light Kit

LED · VIZ PACK · HARD WIRED · MARINE RECOMMENDED · REFLEX

- Submersible rear lighting kit for all trailers 80" wide and over.
- Includes one each of our low profile 856/856L LED tail lights plus license bracket, mounting hardware, and installation instructions.
- Provides rear lighting and reflectors. Front side clearance/marker lights, side reflectors, and rear identification lights are necessary to meet all DOT requirements.
- Replacement harness available separately.

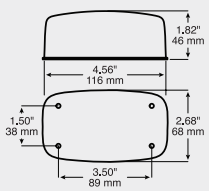
Order No.		Description	Pack	Std Carton
V947	KIT	LED rear light kit	Viz Pack	4

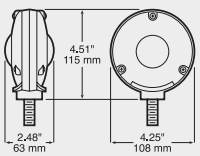
306 Surface-Mount Stop/Turn/Tail Light

VIZ PACK USA MADE

- Rectangular, surface-mount light functions as rear S/T/T light.
- For use on vehicles under 80" wide; has less than 75 sq. cm of effective, projected luminous lens area.
- Features polycarbonate lens, galvanized steel base plate, dual-filament bulb, and tough plastic guard to protect lead wires.
- Mounts on 3 1/2" centers and grounds through mounting screw.
- See matching 306A turn signal on page 49.
- See matching 393C back-up light on page 100.

Order No.	Description	Pack	Std Carton
V306R	red	Viz Pack	6
306R	red	poly pack	24
306-25R	red lens	poly pack	10
413-07	replacement pigtail	poly pack	25
2057	12 volt replacement bulb		*reference only*





313-2 Single-Face Pedestal Stop/Turn/Tail Light

VIZ PACK

- Pedestal-mount, single-face light functions as S/T/T light.
- Durable, black plastic housing with snap-on red acrylic lens.
- Two lead wires exit through 1/2" diameter hollow mounting stud.
- Grounds through mounting stud.
- Interchangeable with competitive units.

Order No.	Description	Pack	Std Carton
V313-2	red	Viz Pack	6
313-2	red	poly pack	12
M313-2	red	mfg. pack	48
313-15R	red lens	poly pack	10
313-15BLK	black lens cover	poly pack	10
413-07	replacement pigtail	poly pack	25
2057	replacement bulb		*reference only*

4-pin plug

3-pin plug

413

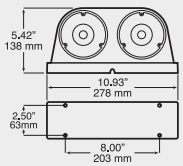
413-3

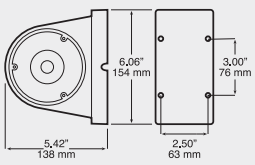
308/309
Agricultural Stop/Turn/Tail & Warning Lights

LED Version Available

- ASAE S279.17 compliant.
- Perfect for all agricultural applications.
- 308 combination lights function as both red stop and tail light and amber turn signal and flashing warning light.
- Single-sided red version functions as stop and tail light.
- Works with all 12-volt vehicles.
- Can be mounted to vertical or horizontal surfaces.
- Rubber protective gasket seals unit from moisture and dust
- Replaceable bulb and lens.
- Standard version has 4-pin plug (308) or 3-pin plug (309) for easy installation.
- –PKD versions are terminated with Packard-style hardshell connector.
- Replacement lens kits include replacement gasket and screws.
- See matching 309AA double-sided amber turn signal/warning light on page 52. See 318 & 319 series LED version on page 17.

Order No.	Description	Pack	Std Carton
308L	dual, roadside	mfg. pack	16
308L-PKD	dual, roadside w/ hardshell connector	mfg. pack	16
308R	dual, curbside	mfg. pack	16
308R-PKD	dual, curbside w/ hardshell connector	mfg. pack	16
309R	red, single	mfg. pack	24
308-15A	amber replacement lens kit	poly pack	50
308-15R	red replacement lens kit	poly pack	50
308-15BLK	black block-off cover	poly pack	50



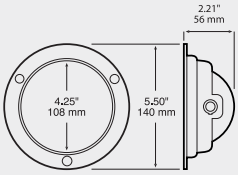


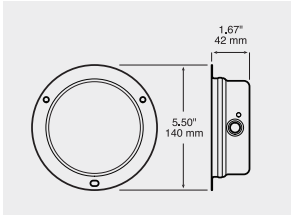
413
Flush-Mount 4" Stop/Turn/Tail Light

VIZ PACK USA MADE REFLEX

- Double-wire, flush-mount 4" round light functions as S/T/T light.
- Black polycarbonate housing.
- 413-3 has reflector optics, eliminating need for separate reflector.
- Grounds through mounting screws.
- **NOTE:** Less than 75 sq. cm of effective, projected luminous lens area. For use on vehicles under 80" wide unless used in pairs per side.

Order No.	Description	Pack	Std Carton
V413	red	Viz Pack	6
413	red	poly pack	12
M413	red	mfg. pack	48
M413-3	red w/ reflector	mfg. pack	48
V410-15R	red lens	Viz Pack	12
410-15R	red lens	poly pack	10
411-24	mounting gasket	poly pack	1
415-15R	red reflector lens	poly pack	10
410-21	galvanized retainer ring	poly pack	25
425S-21	SS retainer ring	poly pack	25
413-07	replacement pigtail	poly pack	25
1157	replacement bulb		*reference only*



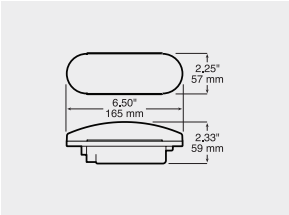


413S
Stainless Flush-Mount 4" Stop/Turn/Tail Light

USA MADE

- Double-wire, flush-mount 4" round light functions as S/T/T light.
- Stainless-steel housing and retainer ring.
- Grounds through mounting screws.
- Refer to replacement and installation parts listed for 413 series on facing page.

Order No.	Description	Pack	Std Carton
M413S	stainless-steel, red	mfg. pack	48
425S-21	SS retainer ring	poly pack	25



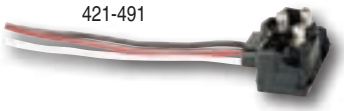
421 Sealed
Oval Stop/Turn/Tail Light

VIZ PACK · USA MADE · LED Version Available · MARINE RECOM-MENDED

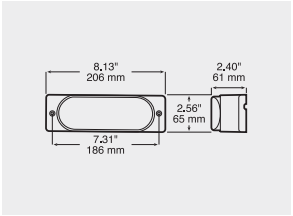
- Sealed, oval stop, turn, and tail light may be used on both curbside and roadside of vehicle or trailer.
- Legal in either horizontal or vertical position.
- Polycarbonate lens is welded to housing to form single unit.
- Requires mounting grommet and 3-wire plug to complete installation.
- 421H surface mount light available for easy mounting.
- See 421A turn signal, and 416 back-up light for companion models.
- Kits include light, grommet, and right-angle plug.
- 12-volt lamps designed with dual-filament, 2.1/.59 amp, 32/3 cp bulb.
- Grommet versions may be mounted using accessory 421-09 metal bracket shown.

Order No.		Description	Pack	Std Carton
V421R		red	Viz Pack	6
V421KR	KIT	red kit	Viz Pack	3
421R		red	poly pack	12
421KR	KIT	red kit	poly pack	12
M421R		red	mfg, pack	48
M421KR	KIT	red kit	mfg. pack	48
M421HR		red, surface-mount	mfg. pack	48
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
421-491		right angle plug	poly pack	12
B421-491		right angle plug	mfg. pack	100
431-491		plug	poly pack	12
B431-491		plug	mfg. pack	100
421-09		mounting bracket	box	6

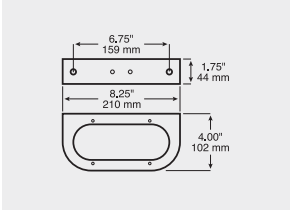
421-491



M421HR



421-09 bracket
See page 186.



INCANDESCENT STOP TURN & TAIL

425

425S

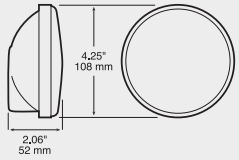
424/431 Sealed
4" Round Stop/Turn/Tail Light

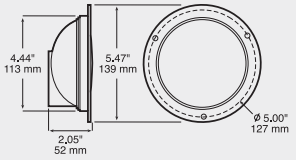
USA MADE

LED Version Available

- Sealed, 4" round stop, turn, and tail light.
- Fully automated manufacturing process ensures consistent quality.
- Features extra wide, spin-welded, tongue-and-groove lens seal.
- 424R features one-piece integral gray housing and flange.
- High performance steel conductors reduce possibility of wire failure.
- Wedge-base socket prevents premature bulb failure.
- 431KR kit includes light, grommet and 431-491 straight plug.
- See page 11 for 824/826 LED version.

Order No.		Description	Pack	Std Carton
431R		red, grommet mount	poly pack	12
M431R		red, grommet mount	mfg. pack	50
M431KR	KIT	red, grommet mount kit	mfg. pack	50
M424R		red, flange mount	mfg. pack	48
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
431-491		plug	poly pack	12
B431-491		plug	mfg. pack	100



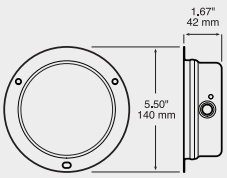


425
Flush-Mount 4" Round Stop/Turn/Tail Light

USA MADE

- Double-wire, flush-mount 4" round S/T/T light.
- 425 series features heavy-gauge steel housing with black powder-coated finish.
- 425S light features stainless-steel housing and retainer ring.
- Fits in 4 1/2" hole and secures with three screws or rivets.

Order No.	Description	Pack	Std Carton
425	red	poly pack	12
425S	stainless-steel, red	poly pack	12
M425	red	mfg. pack	48
M425S	stainless-steel, red	mfg. pack	48
410-15R	red lens	poly pack	10
411-24	mounting gasket	mfg. pack	10
410-21	galvanized retainer ring	poly bag	25
425S-21	SS retaining ring	poly bag	25
413-07	replacement pigtail	poly pack	25
1157	replacement bulb		*reference only*

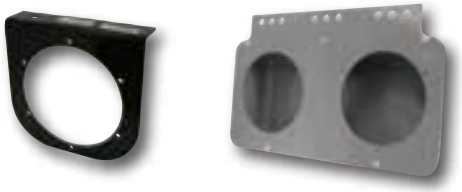


426 Sealed
Long-Life Round 4" Stop/Turn/Tail Light

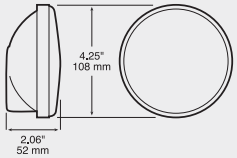
VIZ PACK · USA MADE · LED Version Available · LONG LIFE BULB

- Fully automated manufacturing process ensures consistent quality.
- Features extra wide, spin-welded, tongue-and-groove lens seal.
- 12-volt lamps feature dual-filament, long-life 2.1/.59 amp, 32/3 cp heavy-duty, long-life bulb.
- Long life, wedge-base socket prevents premature bulb failure.
- 426 lights require mounting grommet and 3-wire plug.
- Kits include 426R light, grommet, and 431-491 straight plug.
- Viz-Pack versions have gray housing.
- See 426A turn signal, and 415 back-up light for companion models.
- Can be flange-mounted with use of 424-09 black snap-on flange. See page 185 for details.
- See page 11 for 826R & 826R-MV single-diode LED equivalent.

Order No.		Description	Pack	Std Carton
V426R		red	Viz Pack	6
V426KR	KIT	red kit	Viz Pack	3
426R		red	poly pack	12
426KR	KIT	red kit	poly pack	12
M426R		red	mfg. pack	48
M426KR	KIT	red kit	mfg. pack	48
424-09		snap-on mounting flange	poly pack	24
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
431-491		plug	poly pack	12
B431-491		plug	mfg. pack	100



See pages 184–185 for additional mounting options.

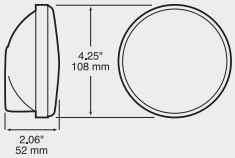


429 Sealed
4" Round Stop/Turn/Tail Light w/ Clear Rear Housing

USA MADE

- Sealed, 4" round stop, turn, and tail light.
- Clear back is ideal to illuminate service body compartments.
- Fully automated manufacturing process ensures consistent quality.
- Features extra wide, spin-welded, tongue-and-groove lens seal.
- High performance steel conductors reduce possibility of wire failure.
- Wedge-base socket prevents premature bulb failure.
- Requires mounting grommet and 3-wire plug.

Order No.	Description	Pack	Std Carton
429R	clear back	poly pack	12
M429R	clear back	mfg. pack	48
424-09	snap-on mounting flange	poly pack	24
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100

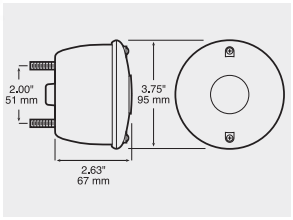


Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com

INCANDESCENT STOP TURN & TAIL

428 Universal Stud-Mount Stop/Turn/Tail Light

USA MADE | VIZ PACK



- Stud-mount, combination tail light that functions as stop, turn, tail, and license light (428 only).
- Features 3-3/4" diameter wrap-over lens retained by two screws, black plastic housing, and two 10" lead wires.
- Mounts with two 1/4" studs on 2" centers.
- Grounds through mounting hardware.
- NOTE: Less than 75 sq. cm of effective, projected luminous lens area. For use on vehicles under 80" wide unless used in pairs per side.

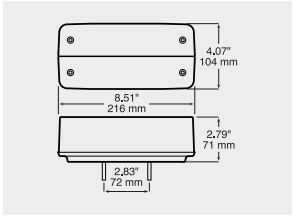
Order No.	Description	Pack	Std Carton
V428	with license light	Viz Pack	3
V428S	without license light	Viz Pack	6
428	with license light	box	24
428S	without license light	box	24
M428	with license light	mfg. pack	60
M428S	without license light	mfg. pack	60
V420-15	red replacement lens 2-pack	Viz Pack	12
420-15	red replacement lens	poly pack	10
413-07	replacement pigtail	poly pack	25
1157	replacement bulb		*reference only*

419
Rectangular Combination Rear Light

2 bulbs | USA MADE | ECE & DOT

- Red lens provides stop and tail functions, while amber lens serves as turn signal or flashing warning light.
- Popular OEM lamp for use on construction and agricultural equipment.
- Designed for use on vehicles under or over 80" wide.
- Two screws securely hold each lens and allow for easy bulb replacement.
- Lens gasket seals out moisture and extends bulb life.
- Mounts easily with two 5mm studs on 2 7/8" centers.
- Meets ECE requirements.

Order No.	Description	Pack	Std Carton
M419	red/amber	mfg. pack	36
419-25A	amber lens	poly pack	10
419-25R	red lens	poly pack	10
P21/5W 12V	replacement bulb stop & tail		*reference only*
12498	replacement bulb turn signal		*reference only*

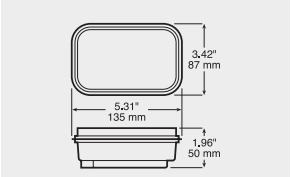


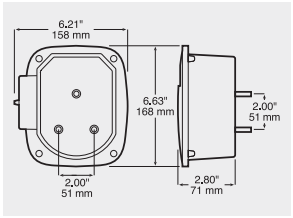
450R Sealed
Rectangular Stop/Turn/Tail Light

LED Version Available

- Sealed, 3"x 5" red stop, turn and tail light.
- Popular on commercial vehicles; replaces competitive rectangular lights.
- Kit includes light, grommet, and plug.
- Can be matched with 450A amber turn signal on page 49.

Order No.		Description	Pack	Std Carton
450KR	KIT	red kit	poly pack	20
M450R		red	mfg. pack	50
450-18		grommet	poly pack	12
B450-18		grommet	mfg. pack	100
421-491		3-wire plug	poly pack	12
B421-491		3-wire plug	mfg. pack	100



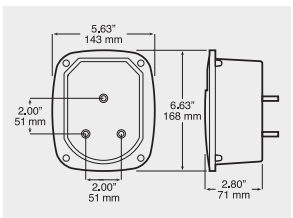


442
Universal Three-Stud Combination Rear Light

USA MADE REFLEX

- Universal, OEM-style replacement tail light for Chevrolet, GMC, Ford, and International.
- Features three 1/4" diameter mounting studs with 2" triangular pattern.
- Junction box has universal terminals.
- Interchangeable with competitive models as follows:
- 442: Chevrolet/GMC 715104, 795059 (right side); Ford D9HA13405B; IH 467708 C91, 424539 C91, 590158 C91
- 442L: Chevrolet/GMC 715103, 795058 (left side); Ford D8HZ13404A; IH 467707 C91, 424538 C91, 590157 C91

Order No.	Description	Pack	Std Carton
442	curbside	box	12
442L	roadside	box	12
445-25	replacement lens	poly pack	10
1157	replacement bulb (stop & tail)		*reference only*
1156	replacement bulb (back-up)		*reference only*

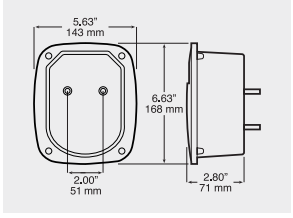


445
Universal Three-Stud Combination Rear Light

VIZ PACK LED LED Version Available REFLEX

- Universal stud-mount combination tail light.
- Includes stop, turn, tail, back-up and license light functions.
- Features three 1/4" diameter mounting studs with 2" triangular pattern.
- Connects through 3 wire loom, grounds through mounting studs.
- OEM replacement for Peterbilt, Mack, White, and Jeep trucks.
- Services GM P/N 15613944 & 15565732, Navistar P/N 166282C91. Similar to Grote P/N 53702 and 5312.

Order No.	Description	Pack	Std Carton
V445	with license light	Viz Pack	6
445	with license light	box	12
445-25	replacement lens	poly pack	10
1157	replacement bulb (stop & tail)		*reference only*
1156	replacement bulb (back-up)		*reference only*



454
Mack Replacement Combination Rear Light

USA MADE REFLEX

- Features two 1/4" studs mounted on 2" centers and built-in license light.
- Connects through 39", 3 wire loom, grounds through mounting studs.
- Design permits both left-and right-side installation.
- Replaces Mack numbers 14M0444RP1 and 14M0444RP4.

Order No.	Description	Pack	Std Carton
454	with license light	box	12
445-25	replacement lens	poly pack	10
1157	replacement bulb (stop & rail)		*reference only*
1156	replacement bulb (back-up)		*reference only*

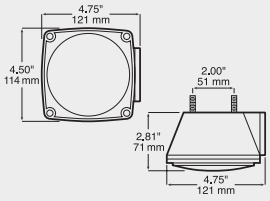
INCANDESCENT COMBINATION REAR

440
Under 80" Combination Rear Light

VIZ PACK · USA MADE · LED Version Available · REFLEX

- Combination rear light for vehicles and trailers under 80" wide.
- Includes the following functions: stop, turn, tail, rear reflex, side marker, side reflex, and license light ("L" suffix only).
- Viz Pack and poly pack units include lead wire.
- Manufacturers pack features push-in connections with two extra ports for additional lights.
- Mounts on 2" centers and includes mounting hardware.
- Grounds through 1/4" mounting studs.
- V440-15 lens kit contains two lenses: 440-15 & 55-15R.

Order No.	Description	Pack	Std Carton
V440	without license light	Viz Pack	6
V440L	with license light	Viz Pack	6
440	without license light	box	12
440L	with license light	box	12
M440	without license light	mfg. pack	48
M440L	with license light	mfg. pack	48
V440-15	lens kit	Viz Pack	12
440-15	stop & tail lens	poly pack	10
55-15R	side marker lens	poly pack	10
1157	replacement bulb (stop & tail)		*reference only*
168	replacement bulb (side)		*reference only*

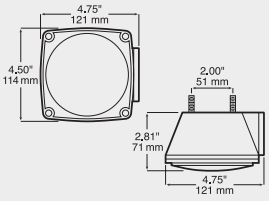


441
Under 80" Submersible Combination Rear Light

VIZ PACK · LED Version Available · MARINE RECOMMENDED · REFLEX

- Combination rear light for vehicles and trailers under 80" wide.
- Includes the following functions: stop, turn, tail, rear reflex, side marker, side reflex, and license light ("L" suffix only).
- Features gaskets on both rear and side lenses with brown and yellow or green lead wires.
- Mounts on 2" centers and includes mounting hardware.
- Grounds through 1/4" mounting studs.
- V440-15 lens kit contains two lenses: 440-15 & 55-15R.

Order No.	Description	Pack	Std Carton
M441	without license light	mfg. pack	48
M441L	with license light	mfg. pack	48
V440-15	lens kit	Viz Pack	12
440-15	stop & tail lens	poly pack	10
55-15R	side marker lens	poly pack	10
1157	replacement bulb (stop & tail)		*reference only*
1895	replacement bulb (side)		*reference only*

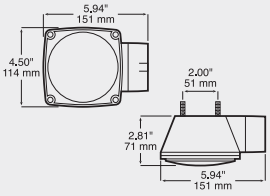


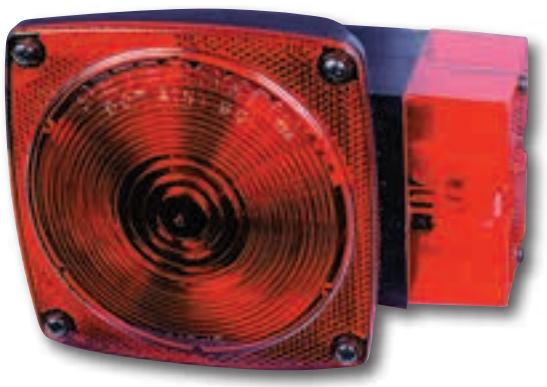
444
Over 80" Wide Combination Rear Light

USA MADE · LED Version Available · REFLEX

- Combination rear light for vehicles and trailers 80" or more in width.
- Includes the following functions; stop, turn, tail, rear clearance, rear reflex, side marker, side reflex, and license light ("L" suffix).
- Features push-in connections with two extra ports for additional lights.
- Grounds through mounting studs.
- Mounts on 2" centers and includes mounting hardware.
- Units manufactured prior to April 2012 have the side marker lens attached with screws. Newer units use a snap-on lens. When ordering replacement side marker lenses, be sure to specify the appropriate style lens.

Order No.	Description	Pack	Std Carton
M444	without license light	mfg. pack	48
M444L	with license light	mfg. pack	48
440-15	stop & tail lens	poly pack	10
56-15R	side marker lens (screw type)	poly pack	10
444-151R	side marker lens (snap-on type)	poly pack	10
1157	replacement bulb (stop & tail)		*reference only*
194/193	replacement bulb (side)		*reference only*



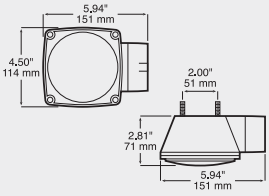


452
Over 80" Wide Submersible Combo Rear Light

VIZ PACK · LED Version Available · MARINE RECOMMENDED · REFLEX

- Combination rear light for vehicles and trailers 80" or more in width.
- Includes the following functions: stop, turn, tail, rear clearance, rear reflex, side marker, side reflex, and license light ("L" suffix).
- Features gaskets on both rear and side lenses.
- Grounds through mounting studs.
- Mounts on 2" centers.
- Includes mounting hardware.

Order No.	Description	Pack	Std Carton
V452	without license light	Viz Pack	3
V452L	with license light	Viz Pack	3
M452	without license light	mfg. pack	48
M452L	with license light	mfg. pack	48
440-15	stop & tail lens	poly pack	10
56-15R	side marker lens	poly pack	10
1157	replacement bulb (stop & tail)		*reference only*
194/193	replacement bulb (side)		*reference only*



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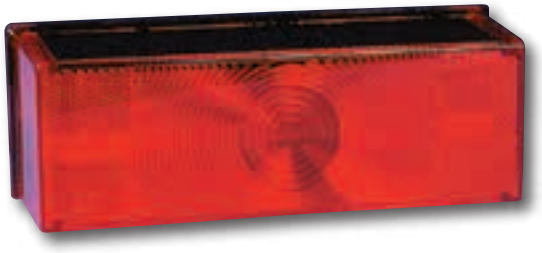
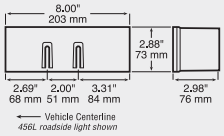


456 Over 80" Wide
Submersible Combination Tail Light

VIZ PACK | LED Version Available | MARINE RECOMMENDED | REFLEX

- Low-profile, over 80" submersible combination tail light.
- Includes the following functions: stop, turn, tail, rear clearance, rear reflex, side marker, side reflex, and license light ("L" suffix).
- Housing slides out for easy maintenance and bulb replacement while maintaining gasket seal.
- Grounds through separate lead wire.
- "-3P" versions are terminated with an industry-standard PL3 plug.
- Mounts on slide-on 2" centers and includes mounting hardware.
- Available in manufacturer's pack or visual pack.

Order No.	Description	Pack	Std Carton
V456	curbside light	Viz Pack	6
V456L	roadside light	Viz Pack	6
M456	curbside light	mfg. pack	30
M456-3P	curbside light, PL3 plug	mfg. pack	30
M456L	roadside light	mfg. pack	30
M456L-3P	roadside light, PL3 plug	mfg. pack	30
1157	replacement bulb (stop & tail)		*reference only*
194/193	replacement bulb (side)		*reference only*

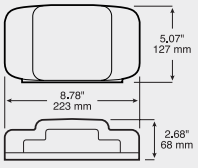


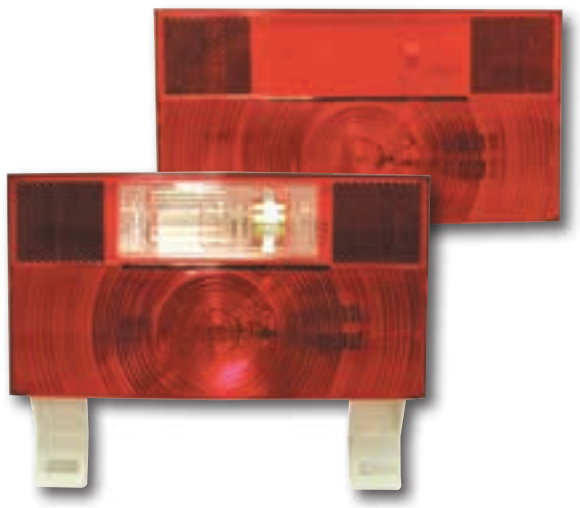
457
Combination Rear Light

VIZ PACK | LED Version Available | REFLEX

- Combination tail light with polar white base.
- Attractive rounded shape.
- Rugged, corrosion-resistant bulb socket.
- Includes the following functions: stop, turn, tail, rear reflex, and license light ("L" suffix).
- M457L includes license illuminator and license plate mounting bracket.
- Grounds through mounting hardware.
- Designed for horizontal mounting.
- Popular for use on enclosed trailers or recreational vehicles.
- Available in manufacturer's pack or visual pack.

Order No.	Description	Pack	Std Carton
V457	without license light	Viz Pack	6
V457L	with license light	Viz Pack	6
M457	without license light	mfg. pack	48
M457L	with license light	mfg. pack	48
B457-15	replacement lens	poly pack	40
B457L-15	replacement lens	poly pack	40
1157	replacement bulb (stop & tail)		*reference only*



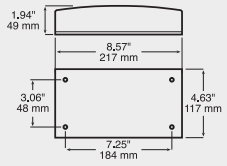


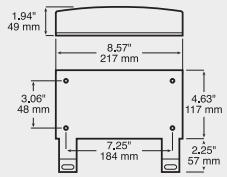
25911 / 25912 / 25913 / 25914
RV Combination Rear Light with Reflex

VIZ PACK REFLEX

- Surface mount rear combination tail light.
- Available with or without integral back-up light.
- Available with or without integral license light & plate mounting bracket.
- Popular for RV applications.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V25911	red	Viz Pack	10
V25912	red w/ back-up light	Viz Pack	10
V25913	red w/ license light and bracket	Viz Pack	10
V25914	red w/ license light, brkt, back-up	Viz Pack	10
V25911-25	replacement lens	Viz Pack	10
V25912-25	repl. lens w/ back-up light	Viz Pack	10
V25913-25	repl. lens w/ license light	Viz Pack	10
V25914-25	repl. lens w/ license & back-up	Viz Pack	10
1157	replacement S/T/T bulb		*reference only*
1156	replacement backup bulb		*reference only*



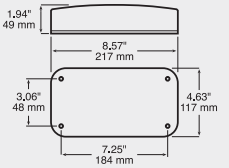


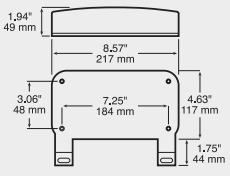
25921 / 25922 / 25923 / 25924
RV Combination Rear Light with Reflex

VIZ PACK REFLEX

- Surface mount rear combination tail light.
- Available with or without integral back-up light.
- Available with or without integral license light & plate mounting bracket.
- Popular for RV applications.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V25921	red	Viz Pack	10
V25922	red w/ back-up light	Viz Pack	10
V25923	red w/ license light and bracket	Viz Pack	10
V25924	red w/ license light, brkt, back-up	Viz Pack	10
V25921-25	replacement lens	Viz Pack	10
V25922-25	repl. lens w/ back-up light	Viz Pack	10
V25923-25	repl. lens w/ license light	Viz Pack	10
V25924-25	repl. lens w/ license & back-up	Viz Pack	10
1157	replacement S/T/T bulb		*reference only*
1156	replacement backup bulb		*reference only*





INCANDESCENT TRAILER LIGHT KITS

540
Under 80" Wide Trailer Light Kit

VIZ PACK · USA MADE · LED Version Available · REFLEX

- Complete light kit for small trailers provides all legal lighting and reflectors for trailers under 80" wide.
- 540 kit include one each of 440/440L tail light, two 114A side marker lights, 20' trailer harness, license bracket, mounting hardware, and installation instructions.
- V440-15 lens kit contains two lenses: one 440-15 and one 55-15R.

Order No.		Description	Pack	Std Carton
V540	KIT	w/ 20 ft. harness & side markers	Viz Pack	2
M540	KIT	w/ 20 ft. harness & side markers	box	12
V440-15		lens kit	Viz Pack	12
440-15		stop & tail replacement lens	poly pack	10
55-15R		side marker replacement lens	poly pack	10
114-15A		amber replacement lens	poly pack	10
1157		replacement bulb (stop & tail)		*reference only*
168		replacement bulb (rear marker)		*reference only*
194/193		replacement bulb (front marker)		*reference only*

541
Under 80" Wide Trailer Rear Light Kit

USA MADE · LED Version Available · REFLEX

- Rear light kit provides legal rear lighting and reflectors for trailers under 80" wide.
- Includes one each of 440/440L tail light, 20' trailer harness, license bracket, mounting hardware, and installation instructions.
- V440-15 lens kit contains three lenses: 440-15, 55-15R & 55-15A.
- Front side marker/clearance lights and front side reflectors are necessary to meet all DOT requirements.

Order No.		Description	Pack	Std Carton
541	KIT	20 ft. harness	box	4
V440-15		lens kit	Viz Pack	12
440-15		stop & tail replacement lens	poly pack	10
55-15R		side marker replacement lens	poly pack	10
1157		replacement bulb (stop & tail)		*reference only*
168		replacement bulb (rear marker)		*reference only*

CHANNEL CAT

544
Over 80" Wide Submersible Rear Light Kit

VIZ PACK · MARINE RECOM-MENDED · REFLEX

- Over 80" submersible rear lighting kit for all trailers.
- Kit provides rear lighting and reflectors for trailers over 80" wide.
- Includes one each of our 452/452L tail light, 25' trailer harness, license bracket, mounting hardware, and installation instructions.
- Front side marker/clearance lights, front side reflectors and rear identification lights are necessary to meet all DOT requirements.

Order No.		Description	Pack	Std Carton
V544	KIT	kit	Viz Pack	2
440-15		stop & tail replacement lens	poly pack	10
56-15R		side marker replacement lens	poly pack	10
1157		replacement bulb (stop & tail)		*reference only*
194/193		replacement bulb (side marker)		*reference only*

547
Over 80" Wide Submersible Rear Light Kit

VIZ PACK · LED (LED Version Available) · MARINE RECOM-MENDED · REFLEX

- Over 80" submersible rear lighting kit for all trailers.
- Provides rear lighting and reflectors for trailers 80" wide and over.
- Includes one each of our low profile 456/456L tail light, 25' trailer harness, license bracket, mounting hardware, and installation instructions.
- Front side marker/clearance lights, side reflectors and rear identification lights are necessary to meet all DOT requirements.

Order No.		Description	Pack	Std Carton
V547	KIT	kit	Viz Pack	2
1157		replacement bulb (stop & tail)		*reference only*
194/193		replacement bulb (side marker)		*reference only*

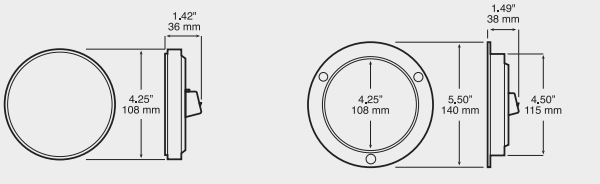
Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com

817-7/818-7 *LumenX*® LED
4" Round Front & Rear Turn Signal

7 diodes | DEFENDER APPROVED | LumenX | USA MADE | REG Voltage Regulated

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- White diodes and advanced optics fully illuminate amber lens.
- 817/818 series have both turn signal and low intensity marker light.
- 4731 lacks low light function.
- Meets DOT side marker requirements.
- AMP-compatible connector integrated into housing.
- 818-7 has flange integrated into the housing.
- 817-7 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 817 kit includes light, grommet and 817-49 plug.
- 818 kit includes light and 817-49 plug.

Order No.		Description	Pack	Std Carton
817A-7		grommet mount	poly pack	6
818A-7		flange mount	poly pack	6
817KA-7	KIT	grommet mount kit	poly pack	6
818KA-7	KIT	flange mount kit	poly pack	6
M817A-7		grommet mount	mfg. pack	50
M818A-7		flange mount	mfg. pack	50
4731		grommet, w/o low-light function	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100

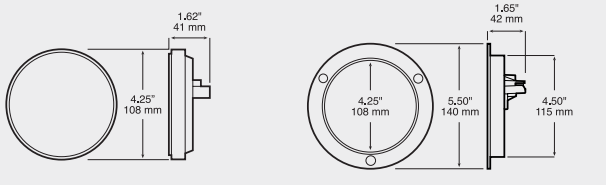


824-7/826-7 *LumenX*® LED
4" Round Front & Rear Turn Signal

7 diodes | VIZ PACK | LumenX | USA MADE | REG Voltage Regulated

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- White diodes and advanced optics fully illuminate amber lens.
- Includes both turn signal and low intensity marker light circuits.
- Meets DOT side marker requirements.
- Industry-standard PL3 socket integrated into housing.
- 824-7 has flange integrated into the housing.
- 826-7 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 826 kit includes light, grommet and 431-491 plug.
- 824 kit includes light and 431-491 plug.

Order No.		Description	Pack	Std Carton
V826KA-7	KIT	grommet mount kit	Viz Pack	6
V824KA-7	KIT	flange mount kit	Viz Pack	6
826A-7		grommet mount	poly pack	6
824A-7		flange mount	poly pack	6
826KA-7	KIT	grommet mount kit	poly pack	6
824KA-7	KIT	flange mount kit	poly pack	6
M826A-7		grommet mount	mfg. pack	50
M824A-7		flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
431-491		plug	poly pack	12
B431-491		plug	mfg. pack	100

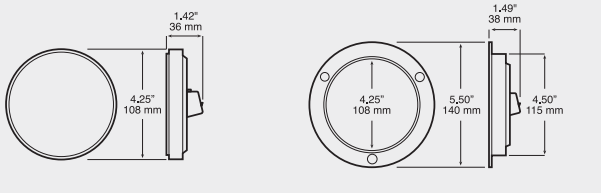


817-9/818-9 *LumenX*® LED 4" Round Front & Rear Turn Signal

9 diodes | DEFENDER APPROVED | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- White diodes and advanced optics fully illuminate amber lens.
- Includes both turn signal and low intensity marker light circuits.
- Meets DOT side marker requirements.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- 818-9 has flange integrated into the housing.
- 817-9 has skirted weld joint for added protection against moisture.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 817 kit includes light, grommet and 817-49 plug.
- 818 kit includes light and 817-49 plug.

Order No.		Description	Pack	Std Carton
817A-9		grommet mount	poly pack	6
818A-9		flange mount	poly pack	6
817KA-9	KIT	grommet mount kit	poly pack	6
818KA-9	KIT	flange mount kit	poly pack	6
M817A-9		grommet mount	mfg. pack	50
M818A-9		flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100

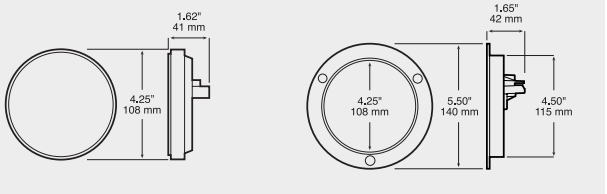


824-9/826-9 *LumenX*® LED 4" Round Front & Rear Turn Signal

9 diodes | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- White diodes and advanced optics fully illuminate amber lens.
- Includes both turn signal and low intensity marker light circuits.
- Meets DOT side marker requirements.
- Industry-standard PL3 socket integrated into housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- 824-9 has flange integrated into the housing.
- 826-9 has skirted weld joint for added protection against moisture.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 826 kit includes light, grommet and 431-491 plug.
- 824 kit includes light and 431-491 plug.

Order No.		Description	Pack	Std Carton
826A-9		grommet mount	poly pack	6
824A-9		flange mount	poly pack	6
826KA-9	KIT	grommet mount kit	poly pack	6
824KA-9	KIT	flange mount kit	poly pack	6
M826A-9		grommet mount	mfg. pack	50
M824A-9		flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
431-491		plug	poly pack	12
B431-491		plug	mfg. pack	100



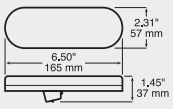
Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com

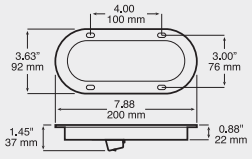
820-7/823-7 *LumenX*® LED Oval Front & Rear Turn Signal

7 diodes · DEFENDER APPROVED · LumenX · USA MADE · REG Voltage Regulated

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- White diodes behind amber lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 823-7 has flange welded to light, forming a single unit.
- 820 kit includes light, grommet and 817-49 plug.
- 823 kit includes light and 817-49 plug.
- 9–16 volt operating range.
- Includes both turn signal and low intensity marker light circuits.
- Meets DOT side marker requirements.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.

Order No.		Description	Pack	Std Carton
820A-7		grommet mount	poly pack	6
823A-7		flange mount	poly pack	6
820KA-7	KIT	grommet mount kit	poly pack	6
823KA-7	KIT	flange mount kit	poly pack	6
M820A-7		grommet mount	mfg. pack	50
M823A-7		flange mount	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100



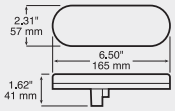


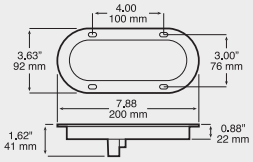
821-7/822-7 *LumenX*® LED Oval Front & Rear Turn Signal

7 diodes · VIZ PACK · LumenX · USA MADE · REG Voltage Regulated

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- White diodes behind amber lens.
- Advanced optics fully illuminate lens.
- Includes both turn signal and low intensity marker light circuits.
- Meets DOT side marker requirements.
- Industry-standard PL3 socket integrated into housing.
- 822-7 has flange welded to light, forming a single unit.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 821 kit includes light, grommet and 421-491 plug.
- 822 kit includes light and 421-491 plug.

Order No.		Description	Pack	Std Carton
V821KA-7	KIT	grommet mount kit	Viz Pack	6
V822KA-7	KIT	flange mount kit	Viz Pack	6
821A-7		grommet mount	poly pack	6
822A-7		flange mount	poly pack	6
821KA-7	KIT	grommet mount kit	poly pack	6
822KA-7	KIT	flange mount kit	poly pack	6
M821A-7		grommet mount	mfg. pack	50
M822A-7		flange mount	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
421-491		plug	poly pack	12
B421-491		plug	mfg. pack	100



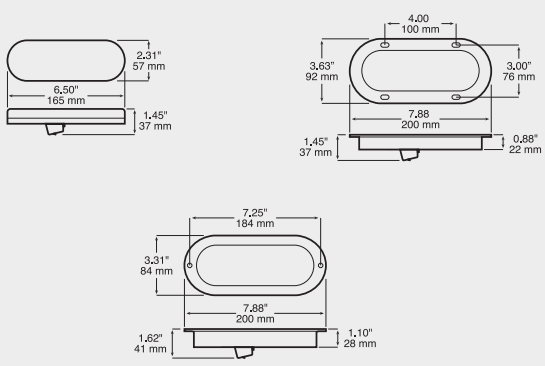


820-10/823-10 *LumenX*® LED Oval Front & Rear Turn Signal

10 diodes | DEFENDER APPROVED | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- White diodes behind amber lens.
- Advanced optics fully illuminate lens.
- Includes both turn signal and low intensity marker light circuits.
- Meets DOT side marker requirements.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- 823-10 has flange welded to light, forming a single unit.
- 9-32 volt operating range compatible with both 12V and 24V vehicles.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.
- 820 kit includes light, grommet and 817-49 plug.
- 823 kit includes light and 817-49 plug.

Order No.		Description	Pack	Std Carton
820A-10		grommet mount	poly pack	6
823A-10		flange mount	poly pack	6
820KA-10	KIT	grommet mount kit	poly pack	6
823KA-10	KIT	flange mount kit	poly pack	6
M820A-10		grommet mount	mfg. pack	50
M823A-10		flange mount	mfg. pack	50
M823ATL-10		narrow, 2-screw flange	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100



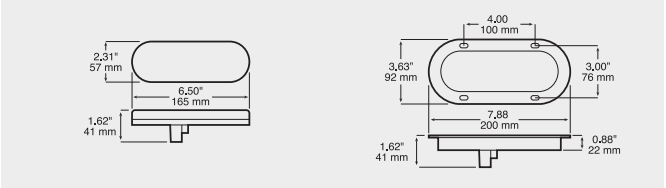
823ATL-10

821-10/822-10 *LumenX*® LED Oval Front & Rear Turn Signal

10 diodes | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- White diodes behind red lens.
- Advanced optics fully illuminate lens.
- Industry-standard PL3 socket integrated into housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- 822-10 has flange welded to light, forming a single unit.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 821 kit includes light, grommet and 421-491 plug.
- 822 kit includes light and 421-491 plug.

Order No.		Description	Pack	Std Carton
821A-10		grommet mount	poly pack	6
822A-10		flange mount	poly pack	6
821KA-10	KIT	grommet mount kit	poly pack	6
822KA-10	KIT	flange mount kit	poly pack	6
M821A-10		grommet mount	mfg. pack	50
M822A-10		flange mount	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
421-491		plug	poly pack	12
B421-491		plug	mfg. pack	100



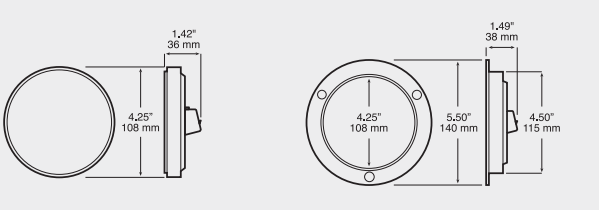
TRADITIONAL 36 DIODE PIRANHA®

417TA/418TA Piranha® LED 4" Round Amber Rear Turn Signal Light

36 diodes | VIZ PACK | USA MADE | HARD WIRED

- 418TA has flange welded to light, forming a single unit.
- Does not require "Top" positioning to meet FMVSS 108.
- Hardwired leads are terminated with built-in 3-wire PL3 adapter.
- See matching stop/turn/tail light on page 8.
- For grommet-mount Viz Pack version with PL3 plug, see V417KTA at right.

Order No.	Description	Pack	Std Carton
V418KTA	amber w/ flange & adapter plug	Viz Pack	6
M417TA-P	amber w/ adapter plug	mfg. pack	50
M418TA-P	amber w/ flange & adapter plug	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100



TRADITIONAL 36 DIODE PIRANHA®

417KTA/817-36/818-36 Piranha® LED 4" Round Amber Rear Turn Signal Light

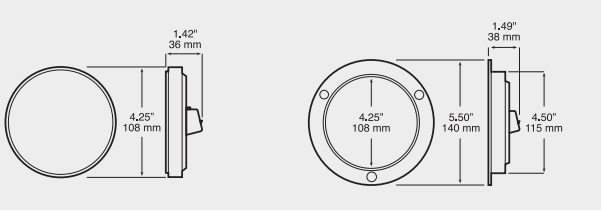
36 diodes | VIZ PACK | DEFENDER APPROVED | LumenX | USA MADE | REG Voltage Regulated

- Original 36-diode Piranha multi-diode lens look.
- AMP-compatible connector integrated into housing.
- Advanced white diodes behind red lens.
- 818-36 has flange welded to light, forming a single unit.
- 817-36 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.

417-491

- Does not require "Top" positioning to meet FMVSS 108 standard.
- V417KTA Viz-Pack kit includes light, grommet and 417-491 adapter plug.
- See page 8 for matching red stop/turn/tail light.

Order No.		Description	Pack	Std Carton
V417KTA	KIT	red w/ grommet & adapter plug	Viz Pack	6
817A-36		red, grommet mount	poly pack	6
818A-36		red, flange mount	poly pack	6
M817A-36		red, grommet mount	mfg. pack	50
M818A-36		red, flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100



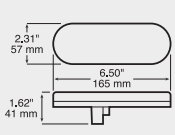
TRADITIONAL 22 DIODE PIRANHA®

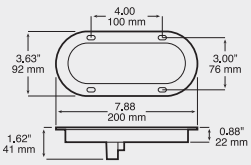
821-22/822-22 Piranha® LED Oval Amber Rear Turn Signal Light

22 diodes | LumenX | USA MADE | HARD WIRED | REG Voltage Regulated

- Original 22-diode Piranha multi-diode lens look.
- PL3-compatible connector integrated into housing.
- Advanced white diodes behind amber lens.
- 822-22 has flange welded to light, forming a single unit.
- 821KA Viz Pack kit includes light, grommet, and 421-491 plug.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.
- See page 9 for matching red stop/turn/tail light.

Order No.		Description	Pack	Std Carton
V821A-22		amber	Viz Pack	6
V821KA-22	KIT	amber kit w/ grommet & plug	Viz Pack	6
821A-22		amber, grommet mount	poly pack	6
822A-22		amber, flange mount	poly pack	6
M821A-22		amber, grommet mount	mfg. pack	50
M822A-22		amber, flange mount	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
421-491		plug	poly pack	12
B421-491		plug	mfg. pack	100





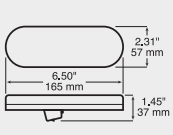
TRADITIONAL 22 DIODE PIRANHA®

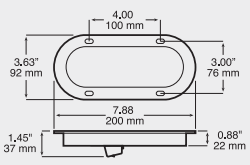
820-22/823-22 Piranha® LED Oval Amber Rear Turn Signal Light

22 diodes | DEFENDER APPROVED | LumenX | USA MADE | REG Voltage Regulated

- Original 22-diode Piranha multi-diode lens look.
- AMP-compatible connector integrated into housing.
- Advanced white diodes behind amber lens.
- 823-22 has flange welded to light, forming a single unit.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.
- See page 9 for matching red stop/turn/tail light.

Order No.	Description	Pack	Std Carton
820A-22	amber, grommet mount	poly pack	6
823A-22	amber, flange mount	poly pack	6
M820A-22	amber, grommet mount	mfg. pack	50
M823A-22	amber, flange mount	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
817-49	molded plug	poly pack	12
B817-49	molded plug	mfg. pack	100





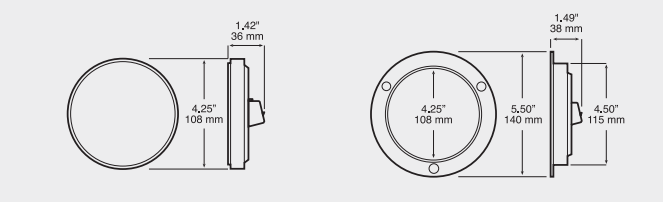
RECESSED LENS

817TA-2C/818TA-2C LED
4" Round Amber Rear Turn Signal Light

10 diodes | DEFENDER APPROVED | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated | CLEAR LENS COLORED LIGHT

- Features amber diodes behind clear lens.
- AMP-compatible connector integrated into housing.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- 818TA-2C has flange welded to light, forming a single unit.
- Does not require "Top" positioning to meet FMVSS 108 standards.
- Compatible with connecting plugs shown on pages 204–207.
- New design 817CA-9 & 818CA-9 coming soon.

Order No.	Description	Pack	Std Carton
817TA-2C	10 diodes w/clear lens	poly pack	6
818TA-2C	10 diodes w/clear lens, flange	poly pack	6
M817TA-2C	10 diodes w/clear lens	mfg. pack	50
M818TA-2C	10 diodes w/clear lens, flange	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
817-49	molded plug	poly pack	12
B817-49	molded plug	mfg. pack	100

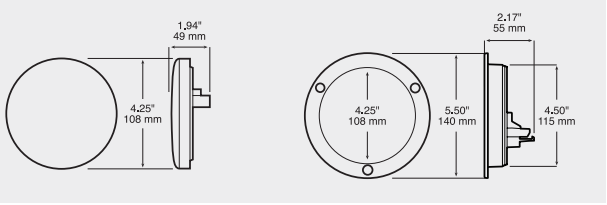


824/826 Single Diode LED
4" Round Amber Rear Turn Signal Light

1 diode | USA MADE | MV Multi-Volt 12V & 24V

- Single diode LED light with traditional incandescent lens look.
- Industry-standard PL3 socket integrated into housing with locking tabs for added plug retention.
- 9-32 operating range.
- Does not require “Top” positioning to meet FMVSS 108 standard.
- 826A requires 426-18 grommet.
- 824A features gray housing with integral mounting flange.
- 824A flange has recessed lens.
- 431-491 plug required for installation.

Order No.	Description	Pack	Std Carton
826A-MV	grommet mount, multi-volt	poly pack	6
824A-MV	flange mount, multi-volt	poly pack	6
M826A-MV	grommet mount, multi-volt	mfg. pack	50
M824A-MV	flange mount, multi-volt	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100



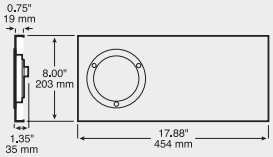
"BULLSEYE"
SEQUENTIAL
FLASH PATTERN

418WTA LED
Mid-Trailer, Wide-Turn Signal

LED | LumenX | USA MADE

- Designed to improve visibility on tractor/trailer applications.
- Features 4" amber turn signal mounted in L-bracket with bright "Caution Wide Turn" graphics.
- Commonly used in mid-turn applications.
- Can be configured for either right- or left-side application.
- Kit includes sign, light, and instruction sheet.
- Choice of 36-diode Piranha® or 7-diode LumenX® light.
- 418WTA includes 417-49 hardshell plug.
- 818WTA requires AMP-compatible plug to complete installation.

Order No.		Description	Pack	Std Carton
418WTA	KIT	36-diode Piranha®	box	6
818WTA	KIT	7-diode LumenX®	box	6
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100

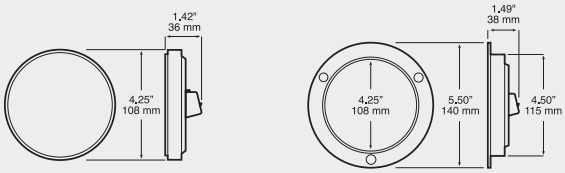


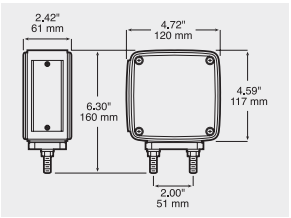
817Y/818Y LED
Bulls-Eye Sequential Auxiliary / Marker Light

36 diodes | DEFENDER APPROVED | USA MADE

- For use as auxiliary turn signal or warning/flasher. Not certified to meet FMVSS 108 rear turn requirements.
- Cycles through sequential flash pattern without external flasher unit.
- Includes low light function.
- Over-voltage and reverse voltage protection.
- AMP-compatible connector integrated into housing.
- Requires AMP-compatible plug to complete installation.
- Operates from 9-16 volts.
- Lens and housing welded to create watertight seal.
- 818 series has flange welded to housing to form a single unit.

Order No.	Description	Pack	Std Carton
817YA	grommet mount	poly pack	6
818YA	flange mount	poly pack	6
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
817-49	molded plug	poly pack	12
B817-49	molded plug	mfg. pack	100



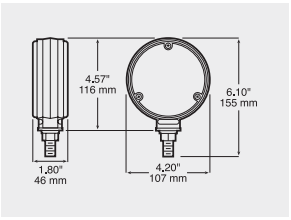


327 LED
Double-Face Park & Turn Light w/ Side Marker

50 diodes | VIZ PACK | HARD WIRED | REFLEX

- Available with two amber lenses or with amber lens facing front of vehicle and red lens facing to rear.
- 327L for roadside use, 327R for curbside.
- Includes side marker function and reflex.
- 2-stud pedestal mount.
- 3-wire electrical connection.
- Two 4.5" square acrylic lenses.
- Chrome plated plastic housing.

Order No.	Description	Pack	Std Carton
V327AA	amber/amber	Viz Pack	6
V327L	amber/red, roadside	Viz Pack	6
V327R	amber/red, curbside	Viz Pack	6

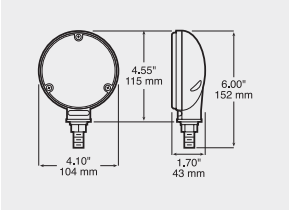


338-2 LED
Double-Face Round Park & Turn Light

48 diodes | VIZ PACK | HARD WIRED

- Has amber lens facing front of vehicle, red lens facing to rear.
- Reversible for use on either side of vehicle.
- Single stud pedestal mount.
- 3-wire electrical connection.
- Two 4" round acrylic lenses.
- Chrome die-cast housing.

Order No.	Description	Pack	Std Carton
V338-2	amber/red	Viz Pack	6



339 LED
Single-Face Round Park & Turn or S/T/T Light

24 diodes | VIZ PACK | HARD WIRED

- 339A amber (front-facing) and 339R red (rear-facing) versions.
- Single stud pedestal mount.
- 3-wire electrical connection.
- Single 4" round acrylic lens.
- Chrome die-cast housing.
- V339R shown here is also listed with stop/turn/tail lights on page 17.

Order No.	Description	Pack	Std Carton
V339A	amber	Viz Pack	6
V339R	red	Viz Pack	6
339A-BT2	amber	mfg. pack	24

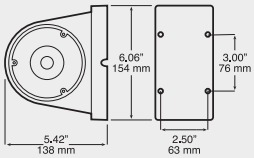
Shown with grommet & plug, sold separately

319AA LED
Double-Sided Agricultural Park/Turn/Warning Light

32 diodes | HARD WIRED

- ASAE S279.17 compliant.
- Perfect for all agricultural applications.
- Double-sided amber light.
- Works with all 12-volt vehicles.
- Can be mounted to vertical or horizontal surfaces.
- Stripped leads for easy installation.
- See matching stop/turn/tail light and combination light on page 17.

Order No.	Description	Pack	Std Carton
319AA	amber, stripped leads	mfg. pack	24

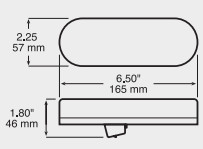


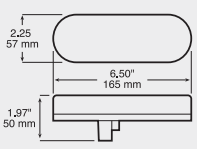
320A/321A LumenX® LED
Agricultural Turn/Marker/Warning Light

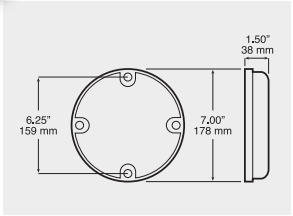
3 diodes | LumenX | USA MADE | REG Voltage Regulated

- Provides a minimum of 4 CP illumination at 90 degrees to lens face in every direction, regarless of installation orientation.
- Meets agricultural standard ASAE S279.17.
- Meets NHTSA's agricultural lamp requirement - U.S. Title 49 Part 562.
- Also meets FMVSS 108 standards for FRONT and REAR turn signal, parking lamp, clearance, and side marker.
- Fits standard oval mounting grommet.
- Includes both high intensity ag warning/turn, and low intensity park/marker light circuits.
- Three advanced white diodes behind precision-designed fresnel lens.
- PL3 or AMP compatible connector integrated into housing.
- 9–16 volt operating range w/ voltage regulation and over-voltage protection.
- Meets all applicable requirements in horizontal, vertical or any 360° position.

Order No.	Description	Pack	Std Carton
M320A	amber, AMP receptacle	mfg. pack	50
M321A	amber, PL3 receptacle	mfg. pack	50
B421-18	grommet	mfg. pack	100
B817-49	molded AMP-compatible plug	mfg. pack	100
B421-491	PL3 plug	mfg. pack	100





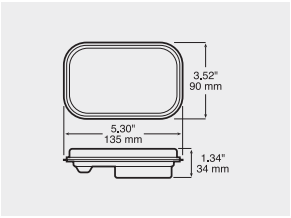


717 LED
7" Transit Front & Rear Turn Signal

17 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Round, 7-inch size popular for bus and transit applications.
- Sealed potted design.
- 9–32 volt operating range.
- Surface mount with standard 4-hole mounting pattern.
- Comes standard with mounting gasket providing additional protection between lamp and mounting surface.
- Hardwired leads terminated with .180 male bullet and ring terminal for ground.
- Matching red stop/turn/tail light available on page 16.
- Matching white back-up light available on page 99.

Order No.	Description	Pack	Std Carton
717A	surface mount	poly pack	20



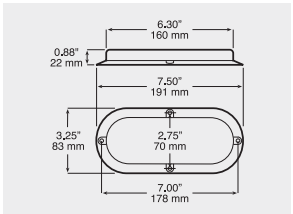
850-1 LED
Rectangular Rear Turn Signal

11 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE & DOT

- Certified to meet both FMVSS 108 (USA) & ECE (European) requirements for rear turn signal in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress protection level.
- 9–32 volt operating range.
- Hardwired design eliminates the need for separate plug and reduces connection points.
- 850A has 6.5' leads, others have 300mm (11.8") leads.
- 850A-1P has hardwired PL3 plug. Others have stripped leads.
- Matching red stop/turn/tail light on page 16.
- Matching white back-up light on page 99.

Order No.	Description	Pack	Std Carton
P850A-1	amber, 12" leads	poly pack	6
850A	amber, 6.5' sheathed leads	mfg. pack	10
850A-1	amber , 12" leads	mfg. pack	10
850A-1P	amber, 12" leads w/ PL3 plug	mfg. pack	10
850-18	grommet	poly pack	12
B850-18	grommet	mfg. pack	50

Shown with accessory bezel installed



423A-4 LED
Surface Mount Oval Auxiliary Turn Signal

10 diodes | HARD WIRED | MV Multi-Volt 12V & 24V

- 9-32 volt operating range.
- Surface mounting for quick and versatile installation.
- Decorative snap-on chrome bezel available as accessory.
- Matching stop/turn/tail version available. See page 15.

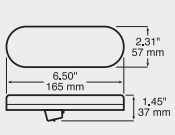
Order No.	Description	Pack	Std Carton
423A-4	amber	poly pack	6
M423A-4	amber	mfg. pack	50
423-11	accessory chrome bezel	poly pack	12
B423-11	accessory chrome bezel	mfg. pack	50

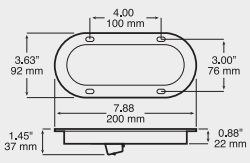
420Q/423Q LED
Amber Sequential Auxiliary / Marker Light

35 diodes | USA MADE | HARD WIRED | MV Multi-Volt 12V & 24V

- Sealed, oval 35 LED sequential-arrow light for auxiliary applications such as mid-turn signal or warning light.
- Cycles through multiple sequential arrows until fully illuminated.
- Hardwired design includes 3-wire molded adapter plug.
- 9-32 volt operating range.
- Over-voltage and reverse voltage protection.
- Available in grommet or flange mount models.
- Low light function meets DOT side marker light requirement.

Order No.	Description	Pack	Std Carton
420QA-P	amber	poly pack	6
423QA-P	amber w/ flange	poly pack	6
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100



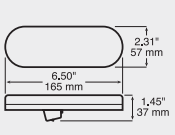


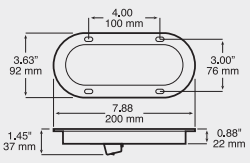
820Q/823Q LED
Amber Sequential Auxiliary / Marker Light

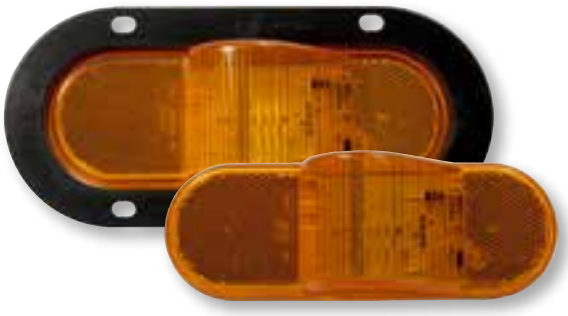
35 diodes | DEFENDER APPROVED | USA MADE | MV Multi-Volt 12V & 24V | CLEAR LENS COLORED LIGHT

- Sealed, oval 35 LED sequential-arrow light for auxiliary applications such as mid-turn signal or warning light.
- Cycles through multiple sequential arrows until fully illuminated.
- AMP-compatible connector integrated into housing.
- 9-32 volt operating range.
- Over-voltage and reverse voltage protection.
- Available in grommet or flange mount models.
- Low light function meets DOT side marker light requirement.
- 820QA requires grommet for installation.
- Plug required to complete installation.

Order No.	Description	Pack	Std Carton
820QA	amber	poly pack	6
823QA	amber w/ flange	poly pack	6
823QCA	amber, clear lens w/ flange	poly pack	6
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
817-49	molded plug	poly pack	12
B817-49	molded plug	mfg. pack	100





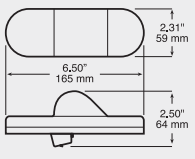


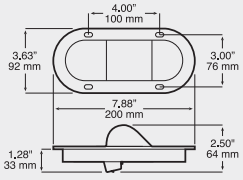
350 LED
Oval Amber Auxiliary / Mid-Turn Light w/ Reflex

6 diodes · USA MADE · HARD WIRED · MV Multi-Volt 12V & 24V · REFLEX

- Two-function, 6-diode LED light that may be used as auxiliary mid-turn, while providing intermediate side marker light and side reflector.
- Hardwired design eliminates plug, reduces connection points.
- Features sealed lens and housing.
- Operates from 9-32 volts.
- Equipped with hardwired AMP hardshell connector; "-P" version terminated with standard PL3 plug.
- 350A-PKD2 has only two leads, features high intensity turn function only (no side marker function).

Order No.	Description	Pack	Std Carton
350A-P	amber w/ plug	poly pack	6
350AF	amber w/ flange	poly pack	6
M350A	amber	mfg. pack	50
M350AF	amber w/ flange	mfg. pack	50
M350A-P	amber w/ plug	mfg. pack	50
M350A-PKD2	amber, high intensity light only	mfg. pack	4
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100



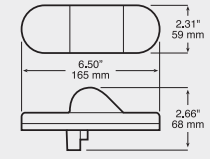


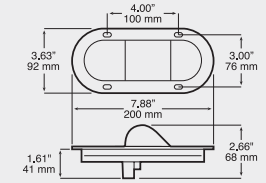
351 *LumenX*® LED
Oval Amber Auxiliary / Mid-Turn Light w/ Reflex

6 diodes · VIZ PACK · LumenX · USA MADE · REFLEX

- Two-function, 6-diode LED light that may be used as auxiliary mid-turn, while providing intermediate side marker light and side reflector.
- Integrated industry-standard PL3 socket.
- Sealed lens and housing.
- Operates from 9-16 volts.
- Compatible with connecting plugs shown on pages 207–209.

Order No.	Description	Pack	Std Carton
V351A	amber	Viz Pack	6
351A	amber	poly pack	6
351AF	amber w/ flange	poly pack	6
M351A	amber	mfg. pack	50
M351AF	amber w/ flange	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
421-491	plug	poly pack	12
B421-491	plug	mfg. pack	100





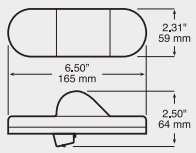
CALIFORNIA COMPLIANT

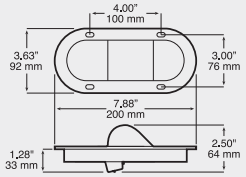
355 *LumenX*® LED
Oval Amber Auxiliary/Mid-Turn Light w/ Reflex

6 diodes | LumenX | USA MADE | REFLEX

- Two-function, 6-diode LED light that may be used as auxiliary mid-turn light, while functioning as side marker light and side reflector.
- AMP-compatible connector integrated into housing.
- Sealed lens and housing.
- Operates from 9-16 volts.
- Compatible with connecting plugs shown on pages 204–207.

Order No.	Description	Pack	Std Carton
355A	amber	poly pack	6
M355A	amber	mfg. pack	50
M355AF	amber w/flange	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
817-49	molded plug	poly pack	12
B817-49	molded plug	mfg. pack	100



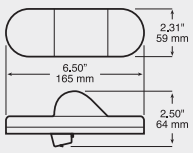


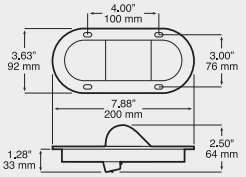
356 *LumenX*® LED
Oval Amber Auxiliary/Mid-Turn Light w/ Reflex

15 diodes | DEFENDER APPROVED | LumenX | USA MADE | REG Voltage Regulated | REFLEX

- Two-function light may be used as mid-turn, while providing intermediate side marker light and side reflector.
- AMP-compatible connector integrated into housing.
- Meets SAE J914B, SAE J2039 specifications.
- Meets CA Title 13 requirements.
- 9-16 volt operating range.
- Regulated design provides voltage protection and consistent output.
- Available in grommet and flange mount versions.
- Compatible with connecting plugs shown on pages 204–207.

Order No.	Description	Pack	Std Carton
356A	amber	poly pack	6
356AF	amber w/flange	poly pack	6
M356A	amber	mfg. pack	50
M356AF	amber w/flange	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
817-49	molded plug	poly pack	12
B817-49	molded plug	mfg. pack	100



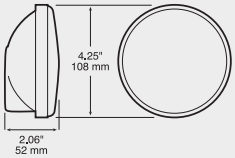


Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com

426 Sealed
4" Round Amber Turn Signal

- Meets DOT requirements for rear turn signal and/or front park & turn.
- Kits include light, grommet and 431-491 straight plug.
- See 426R stop and tail, and 415 back-up light for companion models.
- 12-volt lamps have long life, dual-filament, 2.1/.59 amp, 32/3 cp bulb.
- See 826A-MV LED version on page 40.

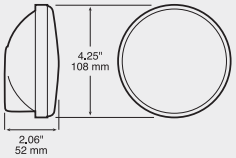
Order No.		Description	Pack	Std Carton
426A		amber	poly pack	12
426KA	KIT	amber kit	poly pack	12
M426A		amber	mfg. pack	48
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
431-491		3-wire plug	poly pack	12
B431-491		3-wire plug	mfg, pack	100

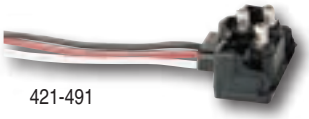


431A Sealed
4" Round Amber Turn Signal

- Meets DOT requirements for rear turn signal and/or front park & turn
- Features extra wide, spin-welded, tongue-and-groove lens lip.
- High performance, copper alloy conductors.
- Heavy duty bulb and socket prevents premature bulb failure.
- Kit includes light, grommet, and plug.
- See 826A-MV LED version on page 40.

Order No.		Description	Pack	Std Carton
M431KA	KIT	amber kit	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
431-49		2-wire plug	poly pack	12
B431-49		2-wire plug	mfg. pack	100
431-491		3-wire plug	poly pack	12
B431-491		3-wire plug	mfg. pack	100



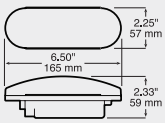


421-491

421 Sealed Oval Amber Turn Signal

USA MADE

LED Version Available

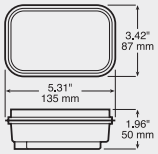


- Meets DOT requirements for rear turn signal and/or front park & turn signal in either horizontal or vertical position.
- Kits include light, grommet, and right-angle plug.
- See 421R stop and tail, and 416 back-up light for companion models.
- Equipped with dual-filament, 2.1/.59 amp, 32/3 cp bulb.
- See LED versions on page 36–37.

Order No.		Description	Pack	Std Carton
421A		amber	poly pack	12
421KA	KIT	amber kit	poly pack	12
M421A		amber	mfg. pack	48
M421KA	KIT	amber kit	mfg. pack	48
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
421-491		3-wire plug	poly pack	12
B421-491		3-wire plug	mfg. pack	100

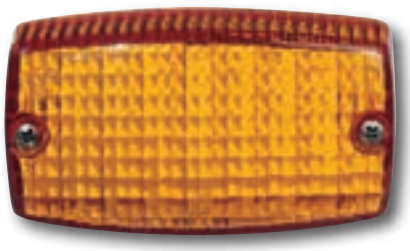
450A Sealed Recangular Amber Turn Signal

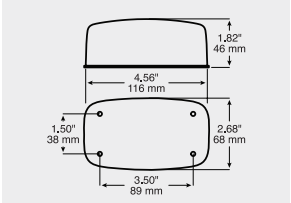
LED Version Available



- Sealed, 3" x 5" amber parking & turn signal light.
- Popular on commercial market vehicles; fits competitive rectangular lights.
- Kit includes light, grommet, and plug.
- Can be matched with 450R red S/T/T light on page 26.
- See 850A-1 LED version on page 44.

Order No.		Description	Pack	Std Carton
450KA	KIT	amber kit	poly pack	20
450-18		grommet	poly pack	12
B450-18		grommet	mfg. pack	100
421-491		3-wire plug	poly pack	12
B421-491		3-wire plug	mfg. pack	100





306 Surface-Mount Rectangular Turn Signal Light

VIZ PACK

USA MADE

- 306A functions as turn signal and parking light.
- Features polycarbonate lens, durable galvanized steel base plate, and tough nylon bushing to protect lead wires.
- Grounds through mounting screw.
- Less than 75 sq. cm of effective, projected luminous lens area. For use on vehicles under 80" wide.
- See matching 306R stop/turn/tail light on page 21.
- See matching 393C back-up light on page 100.

Order No.	Description	Pack	Std Carton
V306A	amber	Viz Pack	6
306A	amber	poly pack	24
306-25A	amber lens	poly pack	10
2057	replacement bulb		*reference only*

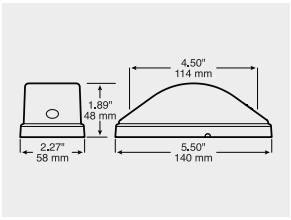
INCANDESCENT MID-TURN LIGHTS

343
Combination Side Turn Signal & Side Marker

USA MADE

- Surface-mount unit meets SAE recommended practice for side turn signal, while providing marker light functions.
- Popular model commonly referred to as a mid-turn light.
- Bulb-replaceable unit 343 has 3/8" base and three lead wires: two blunt cut and one ground wire with ring terminal.
- 2757 has lens welded to 9/16" tall base and three lead wires with .180 molded bullets.

Order No.	Description	Pack	Std Carton
343A	amber, bulb replaceable	poly pack	12
M343A	amber, bulb replaceable	mfg. pack	48
2757	amber, welded lens	mfg. pack	48
343-25A	amber lens	poly pack	10
343-241	mounting gasket	mfg. pack	10
3157	replacement bulb		*reference only*

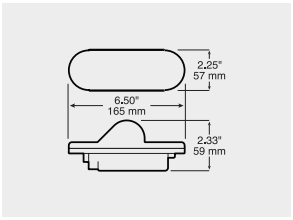


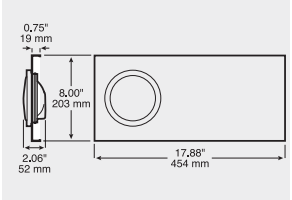
352 Sealed
Combination Side Turn Signal & Side Marker

USA MADE · VIZ PACK · LED Version Available · REFLEX

- Amber unit meets SAE recommended practice for side turn signal, while providing side marker light and side reflector functions.
- Popular model commonly referred to as a mid-turn light.
- 421-18 grommet and 3-wire plug are required for installation.
- Kit includes light, 421-18 grommet, and 431-491 plug.
- See part number 421-09 for angle mounting bracket option.
- Meets SAE J2039 requirements for mid-turn lights on large trailers.
- See 356 LED version on page 47.

Order No.		Description	Pack	Std Carton
V352A		amber	Viz Pack	6
352A		amber	poly pack	12
M352A		amber	mfg. pack	48
M352KA	KIT	amber kit	mfg. pack	48
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
421-491		rt. angle plug	poly pack	12
B421-491		rt. angle plug	mfg. pack	100
431-491		plug	poly pack	12
B431-491		plug	mfg. pack	100



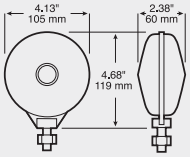


426WTA
Mid-Trailer, Wide-Turn Signal

USA MADE · LED Version Available · LONG LIFE BULB

- Designed to improve visibility on tractor/trailer applications.
- Features 4" amber turn signal mounted in L-bracket with bright "Caution Wide Turn" graphics.
- Commonly used in mid-turn applications.
- Can be configured for either right- or left-side application.
- Kit includes sign, light, grommet, plug, mounting bracket, and instruction sheet.
- See LED versions on page 41.

Order No.	Description	Pack	Std Carton
426WTA	amber, wide turn	box	6

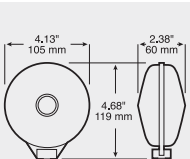


313R
Single-Face Round Rear Turn Signal

VIZ PACK

- Pedestal-mount, red single-face turn signal or warning light.
- Durable, black plastic housing will not rust or corrode.
- Snap-on acrylic lens is interchangeable with competitive models.
- Single lead wire exits through 1/2" diameter stud.
- Grounds through mounting stud.

Order No.	Description	Pack	Std Carton
V313R	red	Viz Pack	6
313R	red	poly pack	12
313-15BLK	black back	poly pack	10
313-15R	red lens	poly pack	10
411-07	replacement pigtail	poly pack	25
1156	replacement bulb		*reference only*

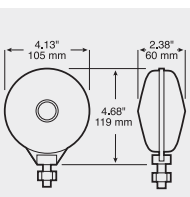


313AA Double-Face
Round Amber Park & Turn Light

VIZ PACK

- Pedestal-mount, double face amber light functions as combination turn signal, parking light or warning light.
- Durable, black plastic housing with two snap-on amber lenses.
- Two lead wires exit through 1/2" diameter mounting stud.
- Grounds through mounting stud.
- Converts to single-face amber light by snapping on black back.

Order No.	Description	Pack	Std Carton
V313AA	amber/amber	Viz Pack	6
313AA	amber/amber	poly pack	12
313-15BLK	black back	poly pack	10
313-15A	amber lens	poly pack	10
413-07	replacement pigtail	poly pack	25
2057	replacement bulb		*reference only*



313-2 Double-Face
Red/Amber Park and Turn Signal

VIZ PACK

- Pedestal-mount, double-face red/amber light functions as combination turn signal, parking light or warning light.
- Durable, black plastic housing with snap-on red and amber lenses.
- Two lead wires exit through 1/2" diameter mounting stud.
- Grounds through mounting stud.
- Popular style lamp is interchangeable with competitive units.
- Can be converted to single-face by snapping on black back.

Order No.	Description	Pack	Std Carton
V313-2RA	red/amber	Viz Pack	6
313-2RA	red/amber	poly pack	12
313-15BLK	black back	poly pack	10
313-15A	amber lens	poly pack	10
313-15R	red lens	poly pack	10
413-07	replacement pigtail	poly pack	25
2057	replacement bulb		*reference only*

INCANDESCENT PEDESTAL LIGHTS

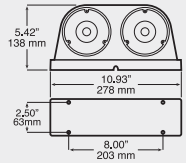
Note: Less than 75 sq. cm of effective, projected luminous lens area. For use on vehicles under 80" wide.

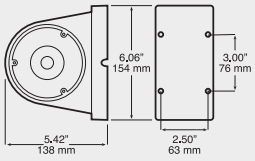
308/309
Agricultural Stop/Turn/Tail & Warning Light

HARD WIRED | LED Version Available

- ASAE S279.17 compliant.
- Perfect for all agricultural applications.
- 308 combination lights function as both red stop and tail light and amber turn signal and flashing warning light.
- 309AA functions as turn signal and/or flashing warning light.
- Works with all 12-volt vehicles.
- Can be mounted to vertical or horizontal surfaces.
- Rubber protective gasket seals unit from moisture and dust
- Replaceable bulb and lens.
- Standard version has 4-pin plug (308) or 3-pin plug (309) for easy installation.
- –PKD versions are terminated with Packard-style hardshell connector.
- Replacement lens kits include replacement gasket and screws.
- 309R single red stop/turn/tail light available on page 22.
- See LED versions on pages 17 and 43.

Order No.	Description	Pack	Std Carton
308L	dual, roadside	mfg. pack	16
308L-PKD	dual, roadside w/ hardshell connector	mfg. pack	16
308R	dual, curbside	mfg. pack	16
308R-PKD	dual, curbside w/ hardshell connector	mfg. pack	16
309AA	amber/amber, single	mfg. pack	24
308-15A	amber replacement lens kit	poly pack	50
308-15R	red replacement lens kit	poly pack	50
308-15BLK	black block-off cover	poly pack	50



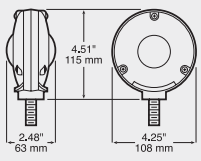


335-2
Double-Faced Turn Signal or Park/Turn Signal

VIZ PACK | USA MADE

- Features zinc diecast housing with black, powder-coated finish.
- Acrylic lenses are interchangeable with competitive models.
- Grounds through mounting stud.
- 335-2 combination park and turn signal has two lead wires that exit through 1/2" mounting stud.

Order No.	Description	Pack	Std Carton
V335-2	amber/red w/ parking light	Viz Pack	6
M335-2-BT2	amber/red w/ parking light	mfg. pack	12
334-15A	amber lens	poly pack	10
334-15R	red lens	poly pack	10
413-07	pigtail for 335-2	poly pack	25
2057	replacement bulb for 335-2		*reference only*



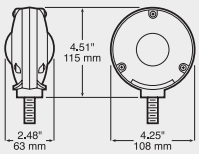
Note: Less than 75 sq. cm of effective, projected luminous lens area.
For use on vehicles under 80" wide.

337-2
Double-Face Round Park & Turn Light

USA MADE | LED Version Available

- Features zinc diecast housing with chrome-plated finish.
- Acrylic lenses are interchangeable with competitive models.
- Grounds through mounting stud.
- Park and turn signal leads exit through 1/2" mounting stud.
- See 338-2 LED version on page 42.

Order No.	Description	Pack	Std Carton
337-2	amber/red w/ parking light	poly pack	12
334-15A	amber lens	poly pack	10
334-15R	red lens	poly pack	10
413-07	pigtail	poly pack	25
2057	replacement bulb		*reference only*

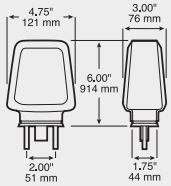


344
Double-Face Park & Turn Light w/ Side Marker

USA MADE

- Vertical, two-stud turn signal includes side marker light with reflector.
- Unique weather proof, plug-in harness provides for universal mount, or may be discarded for exact OEM replacement of Navistar 1661280C91.

Order No.	Description	Pack	Std Carton
344A	amber	poly pack	12
344-24	mounting pad	mfg. pack	100
344-49	replacement plug	mfg. pack	12
3157	replacement bulb		*reference only*



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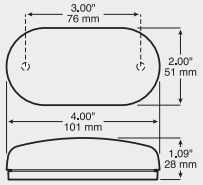
LED CLEARANCE & SIDE MARKER

35 LED
Clearance/Side Marker Light

2 diodes | VIZ PACK | USA MADE | HARD WIRED | PC rated | MV Multi-Volt 12V & 24V

- LED version of Peterson 135 oval surface-mount clearance/marker light.
- Mounts on industry standard 3" centers.
- 9-32 volt operating range.
- Hardwired power and ground leads.
- PC-rated light functions as both clearance and side marker when mounted at a 45° angle.

Order No.	Description	Pack	Std Carton
V35A-BT2	amber, .180 bullets	Viz Pack	6
V35R-BT2	red, .180 bullets	Viz Pack	6
35A-MV	amber, stripped	poly pack	6
35R-MV	red, stripped	poly pack	6
35A-MV-BT2	amber, .180 bullets	poly pack	6
35R-MV-BT2	red, .180 bullets	poly pack	6
M35A-MV	amber, stripped	mfg. pack	100
M35R-MV	red, stripped	mfg. pack	100
M35A-MV-BT2	amber, .180 bullets	mfg. pack	100
M35R-MV-BT2	red, .180 bullets	mfg. pack	100
V134-15A	amber lens	Viz Pack	6
V134-15R	red lens	Viz Pack	6
134-15A	amber lens	poly pack	10
134-15R	red lens	poly pack	10
B134-15A	amber lens	bulk pack	100
B134-15R	red lens	bulk pack	100

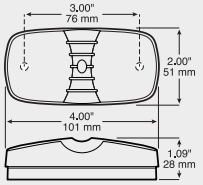


38 LED
Clearance/Side Marker Light

2 diodes | VIZ PACK | USA MADE | HARD WIRED | PC rated | MV Multi-Volt 12V & 24V

- LED version of Peterson 138 oval surface-mount clearance/marker light.
- Mounts on industry standard 3" centers.
- 9-32 volt operating range.
- Hardwired power and ground leads.
- PC-rated light functions as both clearance and side marker when mounted at a 45° angle.
- Compatible with 106-09 chrome accessory guard. See page 171.

Order No.	Description	Pack	Std Carton
V38A	amber, stripped	Viz Pack	6
V38R	red, stripped	Viz Pack	6
38A-MV	amber, stripped	poly pack	6
38R-MV	red, stripped	poly pack	6
38A-MV-BT2	amber, .180 bullets	poly pack	6
38R-MV-BT2	red, .180 bullets	poly pack	6
M38A-MV	amber, stripped	mfg. pack	100
M38R-MV	red, stripped	mfg. pack	100
M38A-MV-BT2	amber, .180 bullets	mfg. pack	100
M38R-MV-BT2	red, .180 bullets	mfg. pack	100
V138-15A	amber lens	Viz Pack	6
V138-15R	red lens	Viz Pack	6
138-15A	amber lens	poly pack	10
138-15R	red lens	poly pack	10
B138-15A	amber lens	bulk pack	100
B138-15B	blue lens	bulk pack	100
B138-15C	clear lens	bulk pack	100
B138-15G	green lens	bulk pack	100
B138-15R	red lens	bulk pack	100
V106-09	chrome guard	Viz Pack	6
B106-09	chrome guard	mfg. pack	60



LED CLEARANCE & SIDE MARKER

60 LED
Clearance/Side Marker Light

2 diodes | USA MADE | HARD WIRED | MV Multi-Volt 12V & 24V

- Mounts on industry-standard 3" centers.
- 9-32 volt operating range.
- Hardwired power and ground leads.
- Thin-line design that fits most narrow rail applications.
- DOT legal when mounted horizontally with up to 20° tilt back.
- Foam mounting gasket available
- Compatible with 160-09 aluminum brush guard. See page 178.

Order No.	Description	Pack	Std Carton
60A-MV	amber	poly pack	12
60R-MV	red	poly pack	12
M60A-MV	amber	mfg. pack	50
M60R-MV	red	mfg. pack	50
160-09	brush guard	poly pack	6
B160-09	brush guard	mfg. pack	120
160-242	gasket	mfg. pack	100

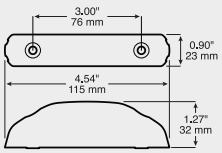
153 LED
Clearance/Side Marker Light

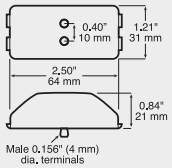
2 diodes | VIZ PACK

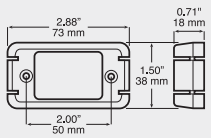
- Lens is welded to housing to form single rugged unit.
- Kits include 153 LED light, 150-095 mounting bracket and plug.
- See mounting accessories section for additional mounting options.
- Meets DOT requirements in any 360° orientation, tilted back to a maximum of 32°.

Order No.		Description	Pack	Std Carton
V153KA	KIT	amber kit	Viz Pack	6
V153KR	KIT	red kit	Viz Pack	6
153A		amber	poly pack	12
153R		red	poly pack	12
M153A		amber	mfg. pack	50
M153R		red	mfg. pack	50
150-095		black bracket	poly pack	12
B150-18		grommet, 11/64" max thickness	mfg. pack	100
B150-181		grommet, 1/4" max thickness	mfg. pack	100
B153-181		grommet, water sealing	mfg. pack	100
153-49		plug	poly pack	12
B153-49		plug	mfg. pack	100

150-095







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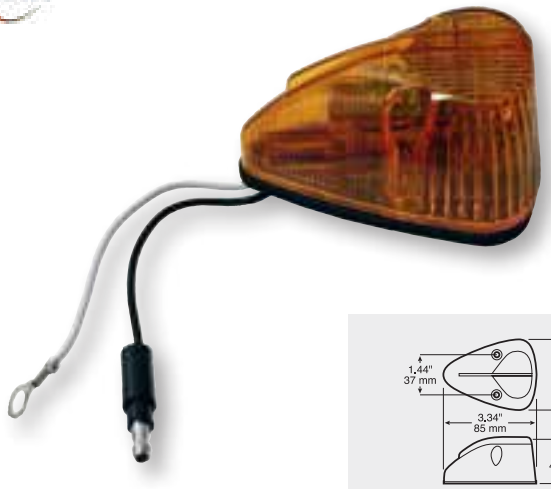
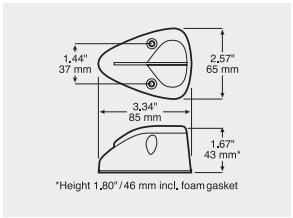
LED CLEARANCE & SIDE MARKER



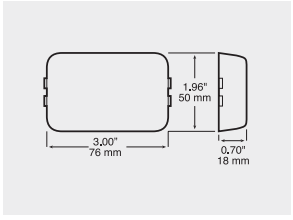


121 LED
Cab Marker Light

15 diodes | HARD WIRED

- Mounts with two screws on 1 7/16" centers.
- Hardwired design features .180 bullet terminal on hot lead and #10 ring terminal on ground wire.
- Includes neoprene mounting pad for secure, mar-free installation.
- Available in amber only.

Order No.	Description	Pack	Std Carton
121A	amber	poly pack	6
M121A	amber	mfg. pack	50

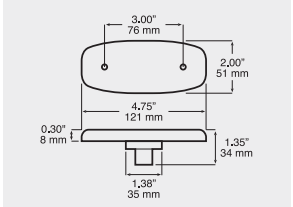


129 LED
Clearance/Side Marker Light w/ Reflex

2 diodes | HARD WIRED | REFLEX

- OE replacement light for Knapheide truck bodies.
- Kits include white grommet with lights. Black grommet available separately.
- Sealed lens and housing.
- Flush mounts to vehicle.
- Requires grommet to complete installation.

Order No.		Description	Pack	Std Carton
129KA	KIT	amber kit w/ white grommet	poly pack	12
129KR	KIT	red kit w/ white grommet	poly pack	12
M129A		amber	mfg. pack	100
M129R		red	mfg. pack	100
127-18		black grommet	poly pack	24
B127-18		black grommet	mfg. pack	100



133 LED
Clearance/Side Marker Light

3 diodes | VIZ PACK | HARD WIRED

- Mounts on 3" centers.
- Hardwired design features two .180 bullet-terminals.
- Viz-Pack kits include attractive chrome bezel.
- Meets DOT requirements when mounted perpendicular to the road or tilted back to a maximum of 32°
- Chrome accessory bezel available separately. See page 171.

Order No.		Description	Pack	Std Carton
V133XA	KIT	amber kit	Viz Pack	6
V133XR	KIT	red kit	Viz Pack	6
133A		amber	poly pack	12
133R		red	poly pack	12
M133A		amber	mfg. pack	50
M133R		red	mfg. pack	50
B133-10		chrome bezel	mfg. pack	50

LED CLEARANCE & SIDE MARKER

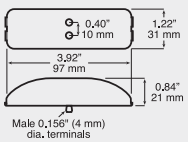
161 LED
Clearance/Side Marker Light

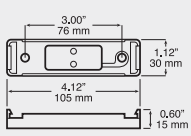
4 diodes | VIZ PACK

- LED alternative to traditional 154-series incandescent lights.
- 9-16 volt operating range.
- Requires bracket and 2-wire plug, or 154-11K bracket for grounding through mounting screw.
- Kits include light and 154-11K bracket with terminal pad.
- Dual-color M161A-R meets DOT regulations as amber front and red rear clearance light when properly mounted top or side of fender at widest point of trailer of boat, cargo and horse trailers.
- See accessories section for additional plug & mounting options.

Order No.		Description	Pack	Std Carton
V161KA	KIT	amber kit	Viz Pack	6
V161KR	KIT	red kit	Viz Pack	6
161A		amber	poly pack	12
161R		red	poly pack	12
161KA	KIT	amber kit	poly pack	12
161KR	KIT	red kit	poly pack	12
M161A		amber	mfg. pack	50
M161R		red	mfg. pack	50
M161A-R		dual-color amber & red	mfg. pack	50
154-09K		gray bracket kit	poly pack	12
154-10K		chrome bracket kit	poly pack	12
154-11K		black bracket kit	poly pack	12
B154-11K		black bracket kit w/terminal pad	mfg. pack	100
B154-11K-BT1		blk kit w/terminal pad, .180 bullet	mfg. pack	100
B154-11		black bracket for use with plug	mfg. pack	100
B153-49		2-wire molded plug w/6" leads	mfg. pack	100

154-09K



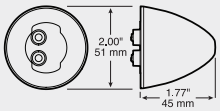


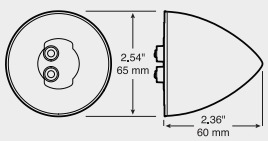
72/166 LED
2½" & 2" Beehive Clearance/Side Marker Light

5 diodes | VIZ PACK

- Available in 2" (166A & 166R) and 2-1/2" (72R) diameters
- Features sealed lens and housing.
- Operates from 9–16 volts.
- Requires mounting grommet and 2-wire plug to complete installation.

Order No.	Description	Pack	Std Carton
V72R	2-1/2" red	Viz Pack	3
V166A	2" amber	Viz Pack	6
V166R	2" red	Viz Pack	6
166A	2" amber	poly pack	12
166R	2" red	poly pack	12
M166A	2" amber	mfg. pack	50
M166R	2" red	mfg. pack	50
146-18	2" grommet	poly pack	24
B146-18	2" grommet	mfg. pack	100
143-18	2-1/2" grommet	poly pack	24
B143-18	2-1/2" grommet	mfg. pack	100
162-49	plug	poly pack	12
B162-49	plug	mfg. pack	100





LED CLEARANCE & SIDE MARKER

168A & 168R

168XA-MV & 168XR-MV

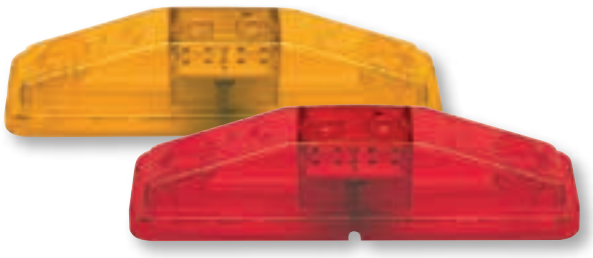
M168CA-BT2 & M168CR-BT2

168 LED
Mini Clearance/Side Marker Light

2 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | CLEAR LENS COLORED LIGHT

- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- Hardwired with separate lead and ground wires.
- XA/XR versions include B168-10 chrome bezel, also available separately.
- Mounts on 1-15/16" centers; optional B168-09 bracket allows for mounting on either 1-15/16" or 1-1/8" centers.
- 168 series features 5.75" long lead wires.
- 4484 series features 9.5" long lead wires.

Order No.		Description	Pack	Std Carton
V168A		amber	Viz Pack	3
V168R		red	Viz Pack	3
V168XA	KIT	amber kit w/ chrome bezel	Viz Pack	6
V168XR	KIT	red kit w/ chrome bezel	Viz Pack	6
168A		amber	poly pack	12
168R		red	poly pack	12
168A-MV		amber multivolt	poly pack	12
168R-MV		red multivolt	poly pack	12
168XA-MV	KIT	amber mv kit w/ chrome bezel	poly pack	12
168XR-MV	KIT	red mv kit w/ chrome bezel	poly pack	12
M168A		amber	mfg. pack	50
M168R		red	mfg. pack	50
M168CA-BT2		amber clear lens w/ .180 bullets	mfg. pack	50
M168CR-BT2		red clear lens w/ .180 bullets	mfg. pack	50
M168A-MV		amber multivolt	mfg. pack	50
M168R-MV		red multivolt	mfg. pack	50
4484A-1		amber w/ two .180 bullets	mfg. pack	50
4484R-1		red w/ two .180 bullets	mfg. pack	50
168-09		black bracket	poly pack	12
B168-09		black bracket	mfg. pack	100
168-092K	KIT	alum. brush guard & gasket kit	poly pack	12
B168-092		aluminum brush guard bracket	mfg. pack	100
168-10K	KIT	chrome bezel & gasket kit	poly pack	12
B168-10		chrome bezel	mfg. pack	100
168-18		mounting gasket	poly pack	12
B168-18		mounting gasket	mfg. pack	100
B168-181		thinline gasket – use w/ 168-092	mfg. pack	100



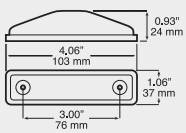
169 LED
Clearance/Side Marker Light

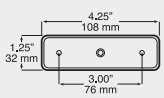
2 diodes | VIZ PACK | HARD WIRED

- Operates from 9-16 volts.
- Features 2-wire, hardwired design.
- Ground wire includes #10 ring terminal.
- Mounts on 3" centers.
- B169-18 mounting gasket included in Viz Pack kits, or available separately.
- One-piece housing sealed with epoxy eliminates weld joints.
- Low cost LED alternative to traditional incandescent 154-series lights.

Order No.		Description	Pack	Std Carton
V169KA	KIT	amber kit	Viz Pack	3
V169KR	KIT	red kit	Viz Pack	3
169A		amber	poly pack	12
169R		red	poly pack	12
M169A		amber, stripped lead/ring term	mfg. pack	100
M169R		red, stripped lead/ring term	mfg. pack	100
B169-18		gasket	mfg. pack	100

B169-18



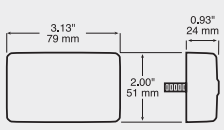


170 LED
Clearance/Side Marker Light w/ Reflex

2 diodes | VIZ PACK | HARD WIRED | REFLEX

- Operates from 9-16 volts.
- Features 2-wire, hardwired design.
- Ground wire terminated with #10 ring terminal
- Stripped hot wire, except –BT1 suffix which is terminated with .180 bullet
- LED alternative to traditional incandescent 114-series lights.
- Two mounting options: use center stud or two mounting screws.
- Center stud provided; screws not included.

Order No.		Description	Pack	Std Carton
V170A	KIT	amber kit	Viz Pack	3
V170R	KIT	red kit	Viz Pack	3
M170A		amber, stripped lead + ring term.	mfg. pack	50
M170R		red, stripped lead + ring term.	mfg. pack	50
M170A-BT1		amber, .180 bullet + ring term.	mfg. pack	50
M170R-BT1		red, .180 bullet + ring term.	mfg. pack	50



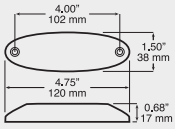
Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com

LED CLEARANCE & SIDE MARKER

178A/R

178CA/CR

178XA/XR



178 LED
Clearance/Side Marker Light

4 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | CLEAR LENS COLORED LIGHT

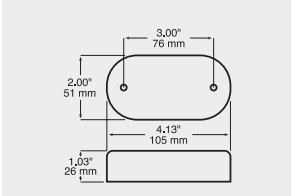
- Meets DOT requirements for clearance/side marker lights up to 20 degree tilt-back.
- 9-16 volt operating range, 9-32 volts for "-MV" and "-MVC" units.
- Hardwired design available with stripped leads, or with two .180 bullets (-BT2).
- Optional chrome bezel available. See page 182 for dimensions.
- Available with red or amber diodes behind stylish clear lens.
- New hardwired design eliminates the need for plug.
- Mounts on 4" centers.
- Eye-catching Class 8 look makes it a great retrofit choice.
- Kits include light and decorative chrome bezel.

Order No.		Description	Pack	Std Carton
V178A		amber	Viz Pack	6
V178R		red	Viz Pack	6
V178XA	KIT	amber kit w/ chrome bezel	Viz Pack	6
V178XR	KIT	red kit w/ chrome bezel	Viz Pack	6
178A-MV		amber	poly pack	12
178R-MV		red	poly pack	12
178XA-MV	KIT	amber mv kit w/ chrome bezel	poly pack	12
178XR-MV	KIT	red mv kit w/ chrome bezel	poly pack	12
M178A		amber	mfg. pack	50
M178R		red	mfg. pack	50
M178A-MV		amber, multi-volt	mfg. pack	50
M178R-MV		red, multi-volt	mfg. pack	50
M178CA-BT2		amber 12V w/clear lens	mfg. pack	50
M178CR-BT2		red 12V w/clear lens	mfg. pack	50
M178A-MVC		amber multi-volt w/clear lens	mfg. pack	50
4354A		amber w/ two .180 bullet term.	mfg. pack	50
4354R		red w/ two .180 bullet terminals	mfg. pack	50
178-10		chrome bezel	poly pack	12
B178-10		chrome bezel	mfg. pack	100

180 LED
Clearance/Side Marker Light w/ Reflex

6 diodes | VIZ PACK | HARD WIRED | REFLEX

- 6-diode oval design.
- Built-in reflector optics eliminate the need for separate reflector.
- Meets DOT lighting requirements.
- Hardwired leads eliminate plug-to-lamp corrosion.
- Mounts with screws on 3" centers.
- Includes both lead and ground wire for mounting to all surfaces.
- Available in amber or red.



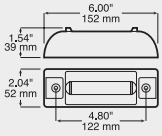
Order No.	Description	Pack	Std Carton
V180A	amber	Viz Pack	3
V180R	red	Viz Pack	3
V2549-15A	replacement lens, amber	Viz Pack	10
V2549-15R	replacement lens, red	Viz Pack	10

187 LED
Clearance/Side Marker Light w/ Reflex

6 diodes | USA MADE | HARD WIRED | MV Multi-Volt 12V & 24V | PC rated | REFLEX

- PC-rated, 6 diode LED combination light that functions as both clearance and side marker light when mounted at a 45° angle.
- Hardwired design eliminates the need for plug.
- Lens and housing linear welded for durable seal.
- Skirted weld joint provides added protection against moisture.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.

Order No.	Description	Pack	Std Carton
187A	amber	poly pack	10
187R	red	poly pack	10
187A-MV	amber, multi-volt	poly pack	12
187R-MV	red, multi-volt	poly pack	12
M187A	amber	mfg. pack	50
M187R	red	mfg. pack	50
M187A-MV	amber, multi-volt	mfg. pack	50
M187R-MV	red, multi-volt	mfg. pack	50
M187A-BT2	amber w/ two .180 bullet term.	mfg. pack	50
M187R-BT2	red w/ two .180 bullet terminals	mfg. pack	50

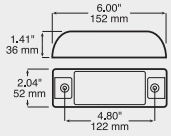


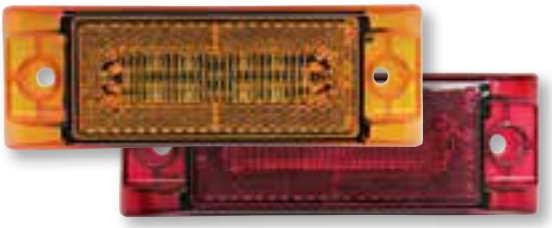
188 LED
Clearance/Side Marker Light w/ Reflex

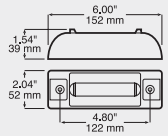
4 diodes | VIZ PACK | USA MADE | HARD WIRED | REFLEX

- Sealed, 4-diode LED that offers clearance, side marker or ID light versatility.
- Hardwired design eliminates the need for plug.
- Lens and housing linear welded for durable seal.
- Skirted weld joint provides added protection against moisture.
- Operates from 9-16 volts.

Order No.	Description	Pack	Std Carton
V188A	amber	Viz Pack	6
V188R	red	Viz Pack	6
188A	amber	poly pack	10
188R	red	poly pack	10
M188A	amber	mfg. pack	50
M188R	red	mfg. pack	50







353 LED
Clearance/Side Marker Light w/ Reflex

6 diodes | USA MADE | HARD WIRED | PC rated | REFLEX

- PC-rated, 6-diode LED combination light that provides both clearance and side marker functions when mounted at a 45° angle.
- Third wire provides auxiliary turn function for enhanced safety.
- Can also be used as a mid marker light.
- Hardwired design eliminates the need for plug.
- Lens and housing linear welded for durable seal.
- Skirted weld joint provides added protection against moisture.
- 9-16 volt operating range.

Order No.	Description	Pack	Std Carton
M353A	amber	mfg. pack	50
M353R	red	mfg. pack	50

LED CLEARANCE & SIDE MARKER

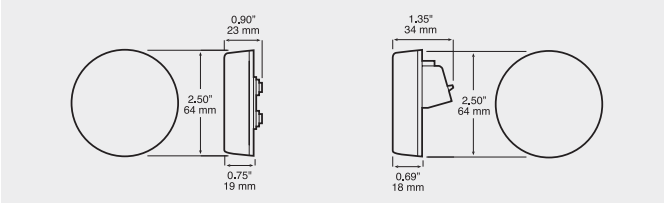
"-AMP" rear

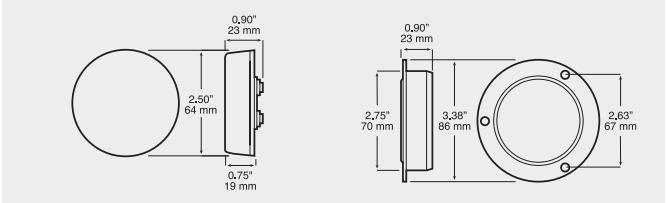
173 LED
2½" Clearance/Side Marker w/ Reflex

4/5 diodes | USA MADE | REFLEX

- Round, 2-1/2" diameter.
- Accepts industry standard PL10 2-wire plug or AMP plug ("-AMP")
- DOT-legal integral reflex function.
- "-AMP" versions have 5 diodes and integrated receptacle for AMP-style sealed connector
- 142-18 grommet & appropriate plug required for installation.

Order No.	Description	Pack	Std Carton
173A	amber	poly pack	12
173R	red	poly pack	12
M173A	amber	mfg. pack	50
M173R	red	mfg. pack	50
M173A-AMP	amber, AMP-style receptacle	mfg. pack	50
M173R-AMP	red, AMP-style receptacle	mfg. pack	50
142-18	grommet	poly pack	24
B142-18	grommet	mfg. pack	100
142-49	right angle plug	poly pack	12
B142-49	right angle plug	mfg. pack	100
162-49	PL10 plug	poly pack	12
B162-49	PL10 plug	mfg. pack	100
192-492	AMP-style plug	poly pack	6
B192-492	AMP-style plug	mfg. pack	50





175 LED
Single Diode 2½" Clearance/Side Marker w/ Reflex

1 diode | USA MADE | REFLEX

- Round, 2-1/2" diameter in grommet or flange mount versions.
- Single diode design.
- Accepts industry standard 2-wire plug.
- DOT-legal integral reflex function.
- 142-18 grommet & appropriate plug required for installation.

Order No.	Description	Pack	Std Carton
175A	amber	poly pack	12
175R	red	poly pack	12
M175A	amber	mfg. pack	50
M175R	red	mfg. pack	50
M175FA	amber, flange mount	mfg. pack	50
M175FR	red, flange mount	mfg. pack	50
142-18	grommet	poly pack	24
B142-18	grommet	mfg. pack	100
142-49	right angle plug	poly pack	12
B142-49	right angle plug	mfg. pack	100
162-49	plug	poly pack	12
B162-49	plug	mfg. pack	100

LED CLEARANCE & SIDE MARKER

189 LED
Single Diode 2½" Clearance/Side Marker w/ Reflex

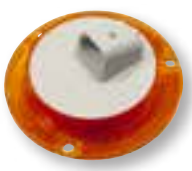
1 diode | USA MADE | REFLEX

- 2-1/2" diameter LED light with traditional incandescent lens look.
- Popular for chassis applications.
- Accepts industry standard PL10 2-wire plug or AMP plug ("-AMP")
- DOT-legal integral reflex function.
- Fits metric size mounting holes.
- 9-16 voltage operating range.
- Protective gasket included.

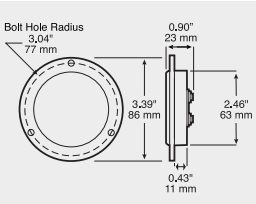
Order No.	Description	Pack	Std Carton
189FA	amber, PL10 connector	poly pack	12
189FR	red, PL10 connector	poly pack	12
M189FA	amber, PL10 connector	mfg. pack	50
M189FR	red, PL10 connector	mfg. pack	50
M189FA-AMP	amber, AMP-style receptacle	mfg. pack	50
M189FR-AMP	red, AMP-style receptacle	mfg. pack	50
M189FA-CLP	amber, PL10 w/ integrated clip	mfg. pack	50
M189FR-CLP	red, PL10 w/ integrated clip	mfg. pack	50
189 24	replacement gasket	mfg. pack	1
B162-093	stainless plug retention clip	mfg. pack	100
162-49	PL10 plug	poly pack	12
B162-49	PL10 plug	mfg. pack	100
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B192-493	AMP plug w/ blunt cut leads	mfg. pack	50

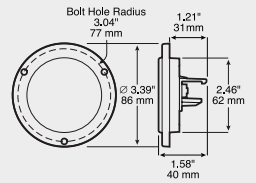
B162-093 retention clip
(Not for use with '-AMP" or "-CLP" versions)

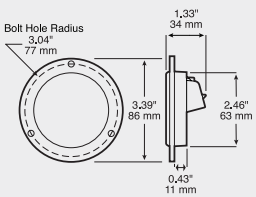
"-CLP" rear



"-AMP" rear







190 LED
Single Diode 2" Clearance/Side Marker w/ Reflex

1 diode | USA MADE | REFLEX

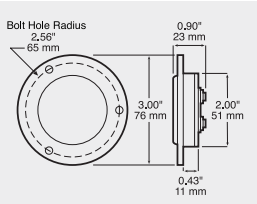
- 2" diameter LED light with traditional incandescent lens look.
- Popular for chassis applications.
- Accepts industry standard PL10 2-wire plug or AMP plug ("-AMP")
- DOT-legal integral reflex function.
- Fits metric size mounting holes.
- 9-16 voltage operating range.
- Protective gasket included.

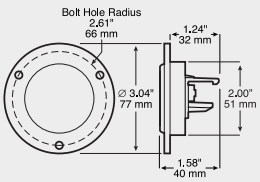
Order No.	Description	Pack	Std Carton
190FA	amber, PL10 connector	poly pack	12
190FR	red, PL10 connector	poly pack	12
M190FA	amber, PL10 connector	mfg. pack	50
M190FR	red, PL10 connector	mfg. pack	50
M190FA-AMP	amber, AMP-style receptacle	mfg. pack	50
M190FR-AMP	red, AMP-style receptacle	mfg. pack	50
M190FA-CLP	amber, PL10 w/ integrated clip	mfg. pack	50
M190FR-CLP	red, PL10 w/ integrated clip	mfg. pack	50
140 24	replacement gasket	mfg. pack	1
B162-093	stainless plug retention clip	mfg. pack	100
162-49	PL10 plug	poly pack	12
B162-49	PL10 plug	mfg. pack	100
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B192-493	AMP plug w/ blunt cut leads	mfg. pack	50

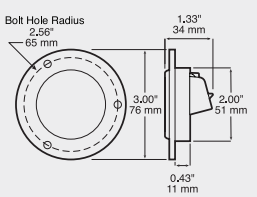
B162-093 retention clip
(Not for use with '-AMP" or "-CLP" versions)

"-CLP" rear

"-AMP" rear







LED CLEARANCE & SIDE MARKER

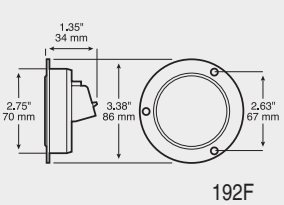
Integrated receptacle accepts AMP-style sealed connector

192 LED
2½" Clearance/Side Marker Light

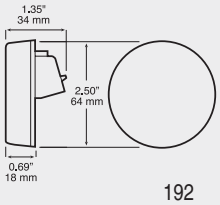
3 diodes | USA MADE

- 2-1/2" diameter.
- Integrated receptacle accepts AMP-style sealed connector.
- 9-16 volt operating range.
- Requires plug for installation.
- Non-flanged units require 142-18 grommet required for installation.
- See mounting accessories section for additional mounting options.

Order No.	Description	Pack	Std Carton
192A	amber	poly pack	12
192R	red	poly pack	12
192FA	amber, flange mount	poly pack	12
192FR	red, flange mount	poly pack	12
192ABS	amber w/ ABS decal	poly pack	12
M192A	amber	mfg. pack	50
M192R	red	mfg. pack	50
M192FA	amber, flange mount	mfg. pack	50
M192FR	red, flange mount	mfg. pack	50
M192SA	amber, surface mount	mfg. pack	50
M192SR	red, surface mount	mfg. pack	50
142-18	grommet	poly pack	24
B142-18	grommet	mfg. pack	100
192-492	plug w/ .180 bullets	poly pack	6
B192-492	plug w/ .180 bullets	mfg. pack	50
B192-493	AMP plug w/ blunt cut leads	mfg. pack	50



192F



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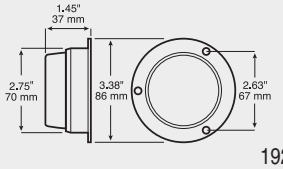


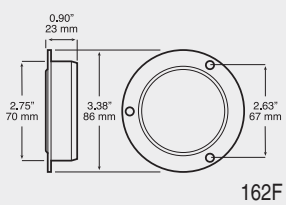
192S

162 LED
2½" Clearance/Side Marker Light

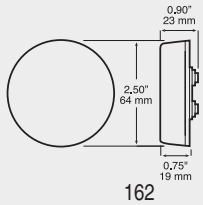
3 diodes | VIZ PACK | USA MADE

- Accepts industry standard 2-prong plug.
- 9-16 volt operating range.
- Available in grommet, flange and surface-mount versions.
- Visual pack kits include LED light, 142-18 grommet and 162-49 plug.
- See mounting accessories section for additional mounting options.

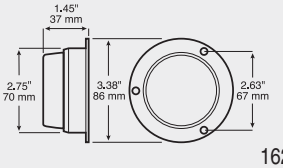
Order No.		Description	Pack	Std Carton
V162KA	KIT	amber kit	Viz Pack	6
V162KR	KIT	red kit	Viz Pack	6
162A		amber	poly pack	12
162R		red	poly pack	12
M162A		amber	mfg. pack	50
M162R		red	mfg. pack	50
M162FA		amber, flange mount	mfg. pack	50
M162FR		red, flange mount	mfg. pack	50
M162SA		amber, surface mount	mfg. pack	50
M162SR		red, surface mount	mfg. pack	50
142-18		grommet	poly pack	24
B142-18		grommet	mfg. pack	100
V162-49		plug	Viz Pack	6
162-49		plug	poly pack	12
B162-49		plug	mfg. pack	100



162F



162



162S

LED CLEARANCE & SIDE MARKER

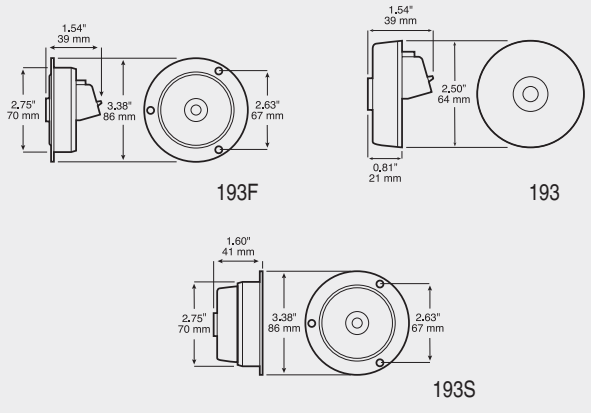
Integrated receptacle accepts AMP-style sealed connector

193 LED
2½" PC-Rated Clearance & Side Marker Light

5 diodes | USA MADE | MV Multi-Volt 12V & 24V | PC rated

- Functions as clearance & side marker light when mounted at 45° angle.
- Integrated receptacle accepts AMP-style sealed connector.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- Does not require "top" mounting.
- 143-18 grommet and compatible plug required for installation.
- See mounting accessories section for additional mounting options.

Order No.	Description	Pack	Std Carton
193A	amber	poly pack	12
193R	red	poly pack	12
193FA	amber, flange mount	poly pack	12
193FR	red, flange mount	poly pack	12
M193A	amber	mfg. pack	50
M193R	red	mfg. pack	50
M193A-MV	amber multi-volt	mfg. pack	50
M193R-MV	red, multi-volt	mfg. pack	50
M193FA	amber, flange mount	mfg. pack	50
M193FR	red, flange mount	mfg. pack	50
M193FCA	amber w/ clear lens, flange	mfg. pack	50
M193FCR	red w/ clear lens, flange	mfg. pack	50
M193SA	amber, surface mount	mfg. pack	50
M193SR	red, surface mount	mfg. pack	50
M193SCR	red w/ clear lens, surface mnt.	mfg. pack	50
143-18	grommet	poly pack	24
B143-18	grommet	mfg. pack	100
192-492	AMP plug w/ .180 bullets	poly pack	6
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B192-493	AMP plug w/ blunt cut leads	mfg. pack	50

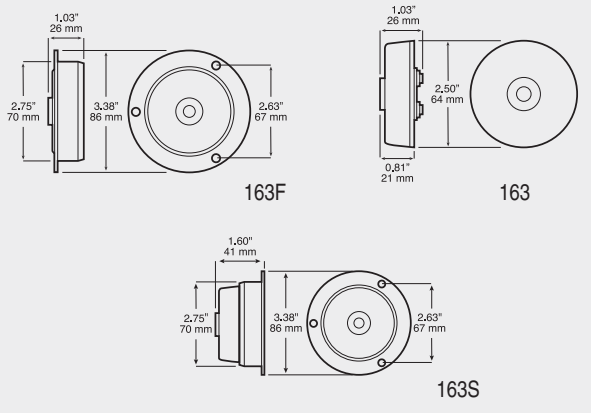


163 LED
2½" PC-Rated Clearance & Side Marker Light

5 diodes | USA MADE | MV Multi-Volt 12V & 24V | PC rated

- Functions as both clearance and side marker light when mounted at a 45° angle. Use 143-18 grommet for PC-rated installation.
- Accepts industry standard 2-prong plug.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- Does not require "top" mounting.
- Kits include LED light, 143-18 grommet and 162-49 plug.

Order No.		Description	Pack	Std Carton
163A		amber	poly pack	12
163R		red	poly pack	12
163A-MV		amber multi-volt	poly pack	12
163R-MV		red, multi-volt	poly pack	12
163FA-MV		amber, flange mount, multi-volt	poly pack	12
163FR-MV		red, flange mount, multi-volt	poly pack	12
163KA-MV	KIT	amber kit, multi-volt	poly pack	12
163KR-MV	KIT	red kit, multi-volt	poly pack	12
M163A		amber	mfg. pack	50
M163R		red	mfg. pack	50
M163A-MV		amber multi-volt	mfg. pack	50
M163R-MV		red, multi-volt	mfg. pack	50
M163FA		amber, flange mount	mfg. pack	50
M163FR		red, flange mount	mfg. pack	50
M163FA-MV		amber, flange mount, multi-volt	mfg. pack	50
M163FR-MV		red, flange mount, multi-volt	mfg. pack	50
M163SA		amber, surface mount	mfg. pack	50
M163SR		red, surface mount	mfg. pack	50
143-18		grommet	poly pack	24
B143-18		grommet	mfg. pack	100
162-49		plug	poly pack	12
B162-49		plug	mfg. pack	100



LED CLEARANCE & SIDE MARKER

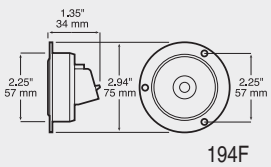
Integrated receptacle accepts AMP-style sealed connector

194 LED
2" Clearance/Side Marker Light

3 diodes | USA MADE

- 2" diameter.
- Integrated receptacle accepts AMP-style sealed connector.
- 9-16 volt operating range.
- Non-flanged units require 146-18 grommet for installation.
- See mounting accessories section for additional mounting options.

Order No.	Description	Pack	Std Carton
194A	amber	poly pack	12
194R	red	poly pack	12
194FA	amber, flange mount	poly pack	12
194FR	red, flange mount	poly pack	12
M194A	amber	mfg. pack	50
M194R	red	mfg. pack	50
M194FA	amber, flange mount	mfg. pack	50
M194FR	red, flange mount	mfg. pack	50
146-18	grommet	poly pack	24
B146-18	grommet	mfg. pack	100
192-492	AMP plug w/ .180 bullets	poly pack	6
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B192-493	AMP plug w/ blunt cut leads	mfg. pack	50



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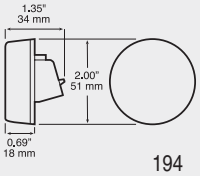


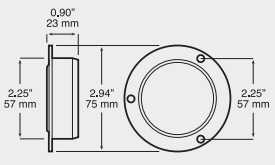
194

164 LED
2" Clearance/Side Marker Light

3 diodes | VIZ PACK | USA MADE

- Accepts industry standard 2-prong plug.
- 9-16 volt operating range.
- Available in grommet, flange and surface-mount versions.
- Visual pack kits include LED light, 146-18 grommet and 162-49 plug.
- See mounting accessories section for additional mounting options.

Order No.		Description	Pack	Std Carton
V164KA	KIT	amber kit	Viz Pack	6
V164KR	KIT	red kit	Viz Pack	6
164A		amber	poly pack	12
164R		red	poly pack	12
M164A		amber	mfg. pack	50
M164R		red	mfg. pack	50
M164FA		amber, flange mount	mfg. pack	50
M164FR		red, flange mount	mfg. pack	50
M164SA		amber, surface mount	mfg. pack	50
M164SR		red, surface mount	mfg. pack	50
146-18		grommet	poly pack	24
B146-18		grommet	mfg. pack	100
162-49		plug	poly pack	12
B162-49		plug	mfg. pack	100



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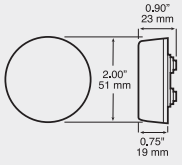

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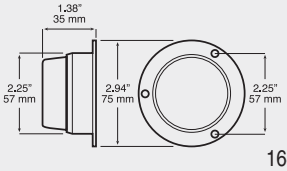


164S

LED CLEARANCE & SIDE MARKER

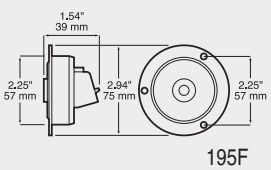
Integrated receptacle accepts AMP-style sealed connector

195 LED
2" PC-Rated Clearance & Side Marker Light

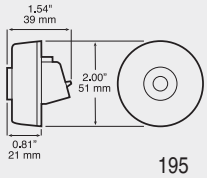
5 diodes | USA MADE | MV Multi-Volt 12V & 24V | PC rated

- Functions as clearance & side marker light when mounted at 45° angle.
- Integrated receptacle accepts AMP-style sealed connector.
- Does not require "top" mounting.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- Non-flanged units require 146-18 grommet for installation.
- See mounting accessories section for additional mounting options.

Order No.	Description	Pack	Std Carton
195A	amber	poly pack	12
195R	red	poly pack	12
195FA	amber, flange mount	poly pack	12
195FR	red, flange mount	poly pack	12
M195A	amber	mfg. pack	50
M195R	red	mfg. pack	50
M195A-MV	amber, multi-volt	mfg. pack	50
M195R-MV	red, multi-volt	mfg. pack	50
M195FA	amber, flange mount	mfg. pack	50
M195FR	red, flange mount	mfg. pack	50
146-18	grommet	poly pack	24
B146-18	grommet	mfg. pack	100
192-492	AMP plug w/ .180 bullets	poly pack	6
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B192-493	AMP plug w/ blunt cut leads	mfg. pack	50



195F



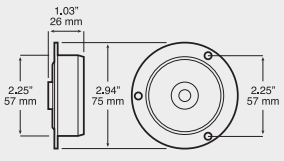
195

165 LED
2" PC-Rated Clearance & Side Marker Light

5 diodes | USA MADE | MV Multi-Volt 12V & 24V | PC rated

- Functions as both clearance and side marker light when mounted at a 45° angle. Use 146-18 grommet for PC-rated installation.
- Does not require "top" mounting.
- Accepts industry standard 2-prong plug.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- Available in grommet, flange and surface-mount versions.
- Kits include LED light, 146-18 grommet and 162-49 plug.

Order No.		Description	Pack	Std Carton
165A		amber	poly pack	12
165R		red	poly pack	12
165A-MV		amber, multi-volt	poly pack	12
165R-MV		red, multi-volt	poly pack	12
165KA-MV	KIT	amber kit, multi-volt	poly pack	12
165KR-MV	KIT	red kit, multi-volt	poly pack	12
165FA-MV		amber, flange mount, multi-volt	poly pack	12
165FR-MV		red, flange mount, multi-volt	poly pack	12
M165A		amber	mfg. pack	50
M165R		red	mfg. pack	50
M165A-MV		amber, multi-volt	mfg. pack	50
M165R-MV		red, multi-volt	mfg. pack	50
M165FA		amber, flange mount	mfg. pack	50
M165FR		red, flange mount	mfg. pack	50
M165FA-MV		amber, flange mount, multi-volt	mfg. pack	50
M165FR-MV		red, flange mount, multi-volt	mfg. pack	50
M165SA		amber, surface mount	mfg. pack	50
M165SR		red, surface mount	mfg. pack	50
M165SA-MV		amber, surface mount, multi-volt	mfg. pack	50
M165SR-MV		red, surface mount, multi-volt	mfg. pack	50
B146-18		grommet	mfg. pack	100
B162-49		plug	mfg. pack	100



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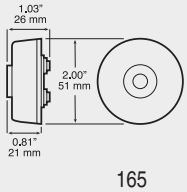

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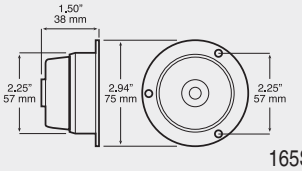
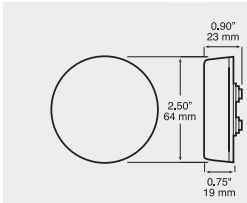


165S

LED CLEARANCE & SIDE MARKER

196ABS

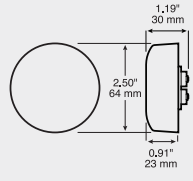


196 Single Diode LED
2½" Clearance/Side Marker Light

1 diode · VIZ PACK · LumenX · USA MADE

- Single white diode behind colored lens for traditional incandescent lens look.
- Accepts industry standard 2-wire plug.
- 9-16 volt operating range.
- Visual pack kits include 142-18 grommet & 162-49 plug.

Order No.		Description	Pack	Std Carton
V196KA	KIT	amber kit	Viz Pack	6
V196KR	KIT	red kit	Viz Pack	6
196A		amber	poly pack	12
196R		red	poly pack	12
M196A		amber	mfg. pack	50
M196R		red	mfg. pack	50
M196ABS	KIT	amber w/ ABS decal	mfg. pack	50
142-18		grommet	poly pack	24
B142-18		grommet	mfg. pack	100
162-49		plug	poly pack	12
B162-49		plug	mfg. pack	100



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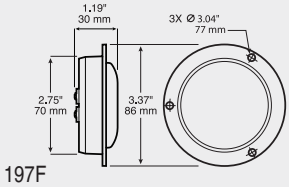
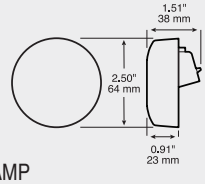
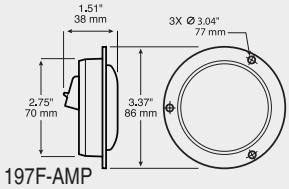


197F



197-AMP



197F-AMP

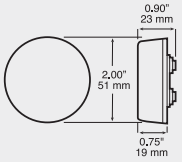
197 Single Diode *LumenX*® LED
2½" PC-Rated Clearance & Side Marker Light

1 diode · LumenX · USA MADE · PC rated

- Single white diode behind colored lens for traditional incandescent lens look.
- Functions as both clearance & side marker light when mounted at 45° angle.
- Accepts industry standard PL10 2-wire plug or AMP plug ("-AMP")
- 9-16 volt operating range.

Order No.		Description	Pack	Std Carton
197A		amber, grommet	poly pack	12
197R		red, grommet	poly pack	12
197KA	KIT	amber, grommet	poly pack	12
197KR	KIT	red, grommet	poly pack	12
197KFA	KIT	amber, flange	poly pack	12
197KFR	KIT	red, flange	poly pack	12
M197A		amber, grommet	mfg. pack	50
M197A-AMP		amber, grommet, AMP receptacle	mfg. pack	50
M197FA		amber, flange	mfg. pack	50
M197FA-AMP		amber, flange, AMP receptacle	mfg. pack	50
M197R		red, grommet	mfg. pack	50
M197R-AMP		red, grommet, AMP receptacle	mfg. pack	50
M197FR		red, flange	mfg. pack	50
M197FR-AMP		red, flange, AMP receptacle	mfg. pack	50
M197G-AMP		green, AMP receptacle	mfg. pack	50
143-18		grommet	poly pack	24
B143-18		grommet	mfg. pack	100
162-49		plug	poly pack	12
B162-49		plug	mfg. pack	100
192-492		AMP plug w/ .180 bullets	poly pack	6
B192-492		AMP plug w/ .180 bullets	mfg. pack	50
B192-493		AMP plug w/ blunt cut leads	mfg. pack	50

198ABS

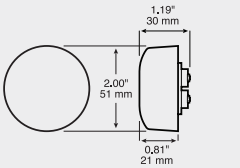


198 Single Diode LED
2" Clearance / Side Marker Light

1 diode · VIZ PACK · LumenX · USA MADE

- Single white diode behind colored lens for traditional incandescent lens look.
- Round, 2" dia.
- Accepts industry standard 2-wire plug.
- 9-16 volt operating range.
- Visual pack kits include LED light, 146-18 grommet and 162-49 plug.

Order No.		Description	Pack	Std Carton
V198KA	KIT	amber kit	Viz Pack	6
V198KR	KIT	red kit	Viz Pack	6
198A		amber	poly pack	12
198R		red	poly pack	12
M198A		amber	mfg. pack	50
M198R		red	mfg. pack	50
M198ABS	KIT	amber w/ ABS decal	mfg. pack	50
146-18		grommet	poly pack	24
B146-18		grommet	mfg. pack	100
162-49		plug	poly pack	12
B162-49		plug	mfg. pack	100



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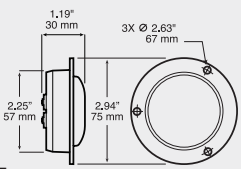
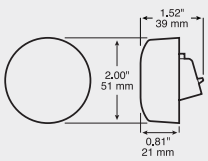
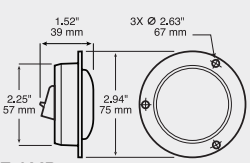


199F



199-AMP



199F-AMP

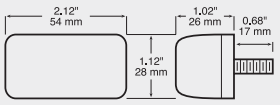
199 Single Diode *LumenX*® LED
2" PC-Rated Clearance & Side Marker Light

1 diode · LumenX · USA MADE · PC rated

- Single white diode behind colored lens for traditional incandescent lens look.
- Round, 2" diameter.
- Functions as both clearance & side marker light when mounted at 45° angle.
- Single-diode design with white diode behind colored lens.
- Accepts industry standard PL10 2-wire plug or AMP plug ("-AMP")
- 9-16 volt operating range.

Order No.		Description	Pack	Std Carton
199KA	KIT	amber, grommet	poly pack	12
199KR	KIT	red, grommet	poly pack	12
199KFA	KIT	amber, flange	poly pack	12
199KFR	KIT	red, flange	poly pack	12
M199A		amber, grommet	mfg. pack	50
M199A-AMP		amber, grommet, AMP receptacle	mfg. pack	50
M199FA		amber, flange	mfg. pack	50
M199FA-AMP		amber, flange, AMP receptacle	mfg. pack	50
M199R		red, grommet	mfg. pack	50
M199R-AMP		red, grommet, AMP receptacle	mfg. pack	50
M199FR		red, flange	mfg. pack	50
M199FR-AMP		red, flange, AMP receptacle	mfg. pack	50
146-18		grommet	poly pack	24
B146-18		grommet	mfg. pack	100
162-49		plug	poly pack	12
B162-49		plug	mfg. pack	100
192-492		AMP plug w/ .180 bullets	poly pack	6
B192-492		AMP plug w/ .180 bullets	mfg. pack	50
B192-493		AMP plug w/ blunt cut leads	mfg. pack	50

LED CLEARANCE & SIDE MARKER

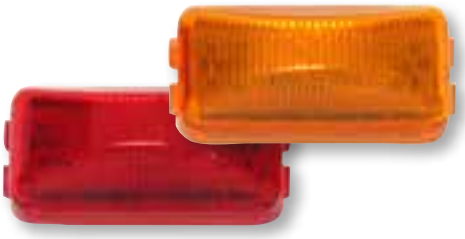


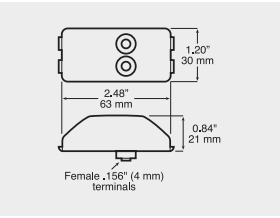
191 LED
Clearance/Side Marker Light

2 diodes | HARD WIRED

- Equipped with 2 diodes behind colored transparent lens.
- Lens is welded to housing to form single unit.
- Equipped with single hardwired lead wire.
- Mounting stud serves as ground when mounted to metallic surface.

Order No.	Description	Pack	Std Carton
M191A	amber	mfg. pack	50
M191R	red	mfg. pack	50



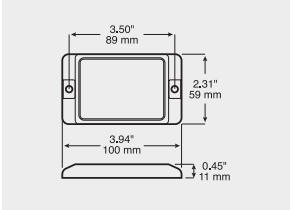


203 LED
PC-Rated Clearance & Side Marker Light

2 diodes | PC rated

- Polycarbonate lens and base are welded together to form a single rugged unit.
- LED version of our popular 150 series light.
- See mounting accessories section for additional mounting options.

Order No.	Description	Pack	Std Carton
203A	amber	poly pack	12
203R	red	poly pack	12
M203A	amber	mfg. pack	50
M203R	red	mfg. pack	50
150-09	black bracket	poly pack	12
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100



215 Single Diode LED
Clearance/Side Marker Light w/ Reflex

1 diode | VIZ PACK | USA MADE | REFLEX

- Low profile design.
- Single-diode, surface-mount LED clearance/side marker light with integral reflex, eliminating the need for separate reflector.
- New patented conductive plastic design, U.S. Patent No. 8,057,067
- Single lead wire for electrical connection.
- Grounds through the mounting screw.
- 9-16 volt operating range.
- 3-year warranty.

Order No.	Description	Pack	Std Carton
V215A	amber	Viz Pack	6
V215R	red	Viz Pack	6
M215A	amber	mfg. pack	100
M215R	red	mfg. pack	100
215-15A	amber replacement lens	mfg. pack	10
215-15R	red replacement lens	mfg. pack	10

Optional B388-09X chrome bracket

388 LED
Clearance/Side Marker Light

16 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | CLEAR LENS COLORED LIGHT

- Includes black bracket for surface mounting.
- Can be recess-mounted without bracket.
- Wires exit in center of light.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Optional chrome bracket available separately.
- See page 118 for matching white and blue utility lights.

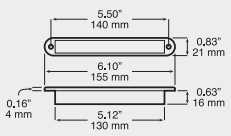
Order No.	Description	Pack	Std Carton
388A	amber	poly pack	12
388R	red	poly pack	12
M388A	amber	mfg. pack	10
M388R	red	mfg. pack	10
388-09X	chrome bracket	poly pack	12
B388-09X	chrome bracket	mfg, pack	50

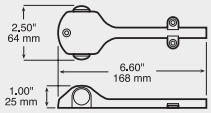
277K LED
Fender-Mount Combo Clearance / Side Marker

3 diodes | HARD WIRED

- Dual single-diode 3/4" LED lights in low-profile combination bracket.
- Forward-facing amber and rear-facing red lights in a single unit.
- Surface-mount design mounts easily with three screws (not included).
- Rugged, corrosion-resistant bracket made of thick, rigid black plastic.
- Low profile shape with smooth, rounded corners resists snagging.
- Wire junctions completely sealed in thick urethane potting material.
- 9-16 voltage operating range.
- Max current draw 0.2A@12V.

Order No.	Description	Pack	Std Carton
M277K	curbside	mfg. pack	100
M277KL	roadside	mfg. pack	100
M277K-BT2	curbside w/.180 bullets	mfg. pack	100
M277KL-BT2	roadside w/.180 bullets	mfg. pack	100





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LED CLEARANCE & SIDE MARKER

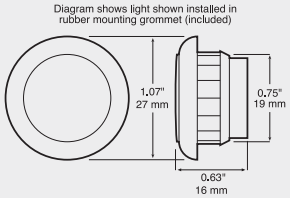
171/271 LED
3/4" Clearance/Side Marker Light

1 diode | VIZ PACK | USA MADE | HARD WIRED

- Compact single diode design fits 3/4" hole.
- Meets DOT requirements for clearance, side marker and ID lights.
- Compatible with all 12 volt systems.
- Hardwired 8" leads available stripped, or with .180 bullets.
- 271 versions have 3-wire design feature standard clearance/marker plus high-intensity function useful for use as auxiliary CHMSL.
- Includes rubber mounting grommet.

Order No.		Description	Pack	Std Carton
V171A	KIT	amber w/ grommet	Viz Pack	3
V171R	KIT	red w/ grommet	Viz Pack	3
171KA	KIT	amber w/ grommet	poly pack	12
171KR	KIT	red w/ grommet	poly pack	12
271KA	KIT	amber 3-wire w/ grommet	poly pack	6
271KR	KIT	red 3-wire w/ grommet	poly pack	6
271KA-BT3	KIT	amber w/.180 bullets & grommet	poly pack	6
271KR-BT3	KIT	red w/.180 bullets & grommet	poly pack	6
M171A	KIT	amber w/ grommet	mfg. pack	50
M171R	KIT	red w/ grommet	mfg. pack	50
M171A-P	KIT	amber w/ plug & grommet	mfg. pack	50
M171R-P	KIT	red w/ plug & grommet	mfg. pack	50
M171A-BT2	KIT	amber w/.180 bullets & grommet	mfg. pack	50
M171R-BT2	KIT	red w/.180 bullets & grommet	mfg. pack	50
M271A	KIT	amber 3-wire w/ grommet	mfg. pack	50
M271R	KIT	red 3-wire w/ grommet	mfg. pack	50
M271A-BT3	KIT	amber 3-wire w/.180 bullets, grmt	mfg. pack	50
M271R-BT3	KIT	red 3-wire w/.180 bullets, grmt	mfg. pack	50
M271A-AMP	KIT	amber 3-wire w/ AMP plug, grmt.	mfg. pack	50
M271R-AMP	KIT	red 3-wire w/ AMP plug, grmt.	mfg. pack	50

See pages 180–183 for additional mounting options.



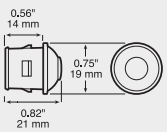
176 LED
3/4" PC-Rated Clearance & Side Marker Light

1 diode | DEFENDER APPROVED | USA MADE | HARD WIRED | PC rated

- Compact single diode design fits 3/4" hole.
- Has theft-deterrent security feature when properly mounted.
- Functions as clearance and side marker light when properly installed.
- Compatible with all 12 volt systems.
- Hardwired 8" leads available stripped, with .180 bullets, or AMP-style connector.
- Compatible grommet or bracket required for installation.
- Includes rubber mounting grommet.
- Does not require top mounting.
- 176BKA & 176BKR kits include light, grommet and 176-10 surface-mount bracket.
- 176KA-ABS kit includes light w/ bullets, grommet, and ABS decal.

Order No.		Description	Pack	Std Carton
176KA	KIT	amber, .180 bullets & grommet	poly pack	6
176KR	KIT	red, .180 bullets & grommet	poly pack	6
176BKA	KIT	amber w/ bracket & grommet	poly pack	6
176BKR	KIT	red w/ bracket & grommet	poly pack	6
176KA-AMP	KIT	amber, AMP-style & grommet	poly pack	12
176KR-AMP	KIT	red, AMP-style & grommet	poly pack	12
176KA-ABS	KIT	amber abs light w/ grommet	poly pack	6
M176A	KIT	amber, stripped leads & grommet	mfg. pack	50
M176R	KIT	red, stripped leads & grommet	mfg. pack	50
M176A-AMP	KIT	amber, AMP-style & grommet	mfg. pack	50
M176R-AMP	KIT	red, AMP-style & grommet	mfg. pack	50
M176A-BT2	KIT	amber w/.180 bullets & grommet	mfg. pack	50
M176R-BT2	KIT	red w/.180 bullets & grommet	mfg. pack	50
B177-18		grommet	mfg. pack	100

See pages 180–183 for additional mounting options.



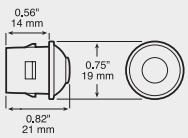
177 LED
3/4" PC-Rated Clearance & Side Marker Light

1 diode | USA MADE | HARD WIRED | PC rated

- Functions as clearance and side marker light when properly installed.
- Compatible with all 12 volt systems.
- 8" (200 mm) hardwired leads available stripped, with .180 bullets, or AMP-style connector.
- Does not require top mounting.
- Includes rubber mounting grommet.

Order No.	Description	Pack	Std Carton
M177A	amber	mfg. pack	50
M177R	red	mfg. pack	50
M177A-AMP	amber, AMP-style & grommet	mfg. pack	50
M177R-AMP	red, AMP-style & grommet	mfg. pack	50
M177A-BT2	amber w/.180 bullets	mfg. pack	50
M177R-BT2	red w/.180 bullets	mfg. pack	50
M177CA-BT2	amber w/ clear lens &.180 bullets	mfg. pack	50
M177CR-BT2	red w/ clear lens &.180 bullets	mfg. pack	50
B177-18	grommet	mfg. pack	100

See pages 180–183 for additional mounting options.



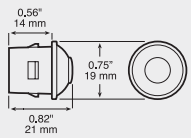
181 LED
3/4" PC-Rated Clearance & Side Marker Light

1 diode | VIZ PACK | USA MADE | HARD WIRED | MV Multi-Volt 12V & 24V | PC rated

- Compact single diode design fits ¾" hole.
- PC rated as both clearance and side marker light when mounted at a 45° angle with optical facets in lens running vertically.
- Hardwired 8" leads available either stripped, or with .180 bullets.
- 12 volt and multi-volt (9–32V) versions.
- Includes rubber mounting grommet.

Order No.		Description	Pack	Std Carton
V181A-BT2	KIT	amber, .180 bullets & grommet	Viz Pack	6
V181R-BT2	KIT	red, .180 bullets & grommet	Viz Pack	6
181KA	KIT	amber, stripped leads & grommet	poly pack	6
181KR	KIT	red, stripped leads & grommet	poly pack	6
181KA-BT2	KIT	amber, .180 bullets & grommet	poly pack	6
181KR-BT2	KIT	red, .180 bullets & grommet	poly pack	6
181KA-MV	KIT	amber kit, stripped, multi-volt	poly pack	6
181KR-MV	KIT	red kit, stripped, multi-volt	poly pack	6
M181A	KIT	amber, stripped leads & grommet	mfg. pack	50
M181R	KIT	red, stripped leads & grommet	mfg. pack	50
M181A-BT2	KIT	amber, .180 bullets & grommet	mfg. pack	50
M181R-BT2	KIT	red, .180 bullets & grommet	mfg. pack	50
M181A-MV	KIT	amber, stripped leads, multi-volt	mfg. pack	50
M181R-MV	KIT	red, stripped leads, mult-volt	mfg. pack	50
M181A-MV-BT2	KIT	amber, .180 bullets, multi-volt	mfg. pack	50
M181R-MV-BT2	KIT	red, .180 bullets, mult-volt	mfg. pack	50
B177-18		grommet	mfg. pack	100

See pages 180–183 for additional mounting options.



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LED CLEARANCE/MARKER W/ AUX

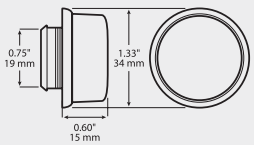
186 *LumenX*® Dot XL™ LED
1⅜" PC-Rated Clearance & Side Marker Light

1 diode | LumenX | Defender Approved | USA Made | Hard Wired | PC rated

- Round 1 3/8" diameter model fits popular 3/4" mounting holes.
- Single-diode LED design with white diode behind colored lens.
- PC-rated, functions as both clearance and side marker light when mounted at a 45° angle.
- Hardwired 8" leads available either stripped, or with .180 bullets.
- 9-16 volt operating range.
- Includes specially designed mounting grommet for installation.

Order No.		Description	Pack	Std Carton
186KA	KIT	amber, stripped leads	poly pack	12
186KR	KIT	red, stripped leads	poly pack	12
M186A	KIT	amber, stripped leads	mfg. pack	50
M186R	KIT	red, stripped leads	mfg. pack	50
M186A-BT2	KIT	amber, .180 bullets	mfg. pack	50
M186R-BT2	KIT	red, .180 bullets	mfg. pack	50
B186-10		surface-mount bracket - flat	mfg. pack	100
B186-13		surface-mount bracket - curved	mfg. pack	100

B186-10 bracket
(bracket and light sold separately)

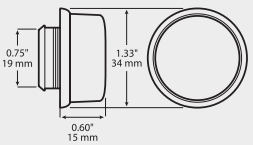


286 *LumenX*® Dot XL™ LED
PC-Rated Clearance & Side Marker w/ Aux Function

1 diode | LumenX | Defender Approved | USA Made | Hard Wired | PC rated

- Round 1 3/8" diameter model fits popular 3/4" mounting holes.
- Single-diode LED design with white diode behind colored lens.
- PC-rated, functions as both clearance and side marker light when mounted at a 45° angle.
- Hardwired 8" leads available either stripped, or with .180 bullets.
- Features a third wire for auxiliary brake or turn functions.
- 9-16 volt operating range.
- Includes specially designed mounting grommet for installation.

Order No.		Description	Pack	Std Carton
286KA	KIT	amber w/ aux function, stripped	poly pack	6
286KR	KIT	red w/ aux function, stripped	poly pack	6
286KA-BT3	KIT	amber w/ aux func, .180 bullets	poly pack	6
286KR-BT3	KIT	red w/ aux function, .180 bullets	poly pack	6
M286A	KIT	amber w/ aux function, stripped	mfg. pack	50
M286R	KIT	red w/ aux function, stripped	mfg. pack	50
M286A-BT3	KIT	amber w/ aux func, .180 bullets	mfg. pack	50
M286R-BT3	KIT	red w/ aux function, .180 bullets	mfg. pack	50
B186-10		surface-mount bracket - flat	mfg. pack	100
B186-13		surface-mount bracket - curved	mfg. pack	100



LED CLEARANCE/MARKER W/ AUX

233 LED 2½" PC-Rated Clearance & Side Marker Light w/ Aux Function

1/5 diodes | USA MADE | PC rated | CLEAR LENS COLORED LIGHT

- Functions as clearance & side marker light mounted at 45° angle.
- Amber light equipped with 1 diode, red light has 5 diodes.
- Does not require top-mount positioning to meet DOT requirements.
- Features a third wire for auxiliary brake or turn function.
- Integrated receptacle accepts AMP-style sealed connector.
- 9-16 volt operating range.
- 143-18 grommet and compatible plug required for installation.
- Available with amber or red diodes behind clear lens.

Order No.	Description	Pack	Std Carton
M233A	amber, grommet mount	mfg. pack	50
M233R	red, grommet mount	mfg. pack	50
M233FA	amber, flange mount	mfg. pack	50
M233FR	red, flange mount	mfg. pack	50
M233CA	amber w/clear lens, grommet	mfg. pack	50
M233CR	red w/clear lens, grommet	mfg. pack	50
M233FCA	amber w/ clear lens, flange	mfg. pack	50
M233FCR	red w/ clear lens, flange	mfg. pack	50
143-18	grommet	poly pack	24
B143-18	grommet	mfg. pack	100
417-49	plug	poly pack	6
B417-49	plug	mfg. pack	100

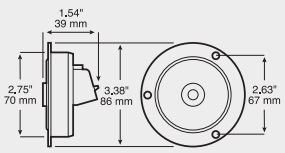
253 LED Clearance/Side Marker Light w/ Aux Function

3 diodes | HARD WIRED

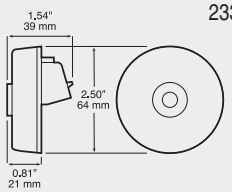
- Rectangular LED clearance, side marker and ID light.
- Features a third wire for auxiliary brake or turn functions.
- DOT legal when mounted horizontally with up to a 32° tilt back.
- Hardwired design has stripped leads with ring terminal on ground.
- 9-16 voltage operating range.
- See mounting accessories on pages 175–176 for additional mounting options.

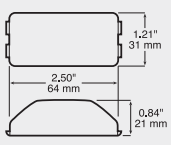
Order No.	Description	Pack	Std Carton
M253A	amber	mfg. pack	50
M253R	red	mfg. pack	50
150-095	surface-mount bracket	poly pack	12
B150-095	surface-mount bracket	mfg. pack	100

233F



233





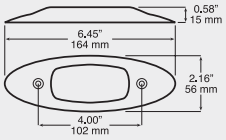
Mirrored "stealth" look when unlit

179 LED Oval Accessory Tunnel Lights™

LED HARD WIRED

- Chrome stealth look when off, stunning 3D tunnel effect when on!
- Illuminate and beautify stainless steel air cleaners, headache racks, bumpers, door panels, & running boards.
- For off-road or accessory use; not to replace legally required lighting.
- Mounts on 4" centers using #10 screws
- Reversible leads w/ .180 bullets. Terminals can be removed for hard-wiring connection to vehicle harness.
- Compatible with all 12 volt systems.
- 3-year warranty.

Order No.	Description	Pack	Std Carton
179A	amber	poly pack	12
179R	red	poly pack	12
M179A	amber	mfg. pack	50
M179R	red	mfg. pack	50



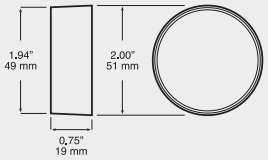
Mirrored "stealth" look when unlit

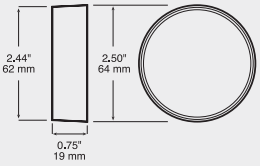
272/274 LED 2½ or 2" Round Auxiliary Tunnel Lights™

LED HARD WIRED

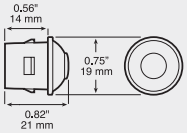
- Chrome stealth look when off, stunning 3D tunnel effect when on!
- Perfect for air cleaners, stainless skirts, headache racks, side rails, etc.
- For off-road or accessory use; not to replace legally required lighting.
- Mounting grommet required for installation, included in kits.
- Compatible with 2" and 2.5" chrome bezels. See page 192.
- Reversible leads w/ .180 bullets color-coded to indicate lamp color.
- Compatible with all 12 volt systems.
- 3-year warranty.

Order No.		Description	Pack	Std Carton
272KA	KIT	amber 2.5" w/ grommet	poly pack	12
274KA	KIT	amber 2" w/ grommet	poly pack	12
274KR	KIT	red 2" w/ grommet	poly pack	12
M272A		amber 2.5"	mfg. pack	50
M274A		amber 2"	mfg. pack	50
M274R		red 2"	mfg. pack	50
B143-18		2.5" mounting grommet	mfg. pack	100
B146-18		2" mounting grommet	mfg. pack	100





MULTI-COLOR LIGHT

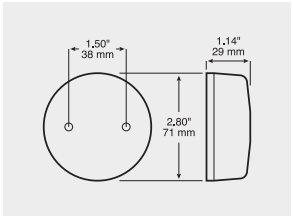


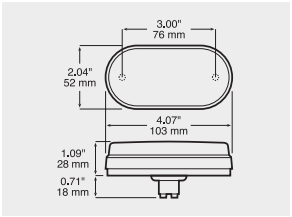
176RGB LED 3/4" Multi-Color Accessory Light

1 diode | USA MADE | HARD WIRED | CLEAR LENS COLORED LIGHT

- Compact light fits 3/4" hole.
- Common power wire plus 3 separate ground wires permit illumination in seven colors: red, blue, green, cyan, violet, yellow and white.
- Hardwired with four 8" wires.
- Compatible grommet or bracket required for installation. See pages 180–182.
- Check local laws before mounting on exterior of road-legal vehicles.

Order No.	Description	Pack	Std Carton
M176RGB	seven selectable colors	mfg. pack	50
4741B	blue only, 2-wire	mfg. pack	50
B177-18	rubber grommet	mfg. pack	100





102
Surface Mount Clearance & Side Marker Light

VIZ PACK PC rated

- Surface-mount light functions as clearance and side marker.
- Durable base and acrylic lens provides high quality at economical price.
- Grounds through mounting screw with single lead wire.
- Available in amber or red.

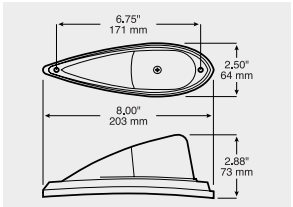
Order No.	Description	Pack	Std Carton
V102A	amber	Viz Pack	6
V102R	red	Viz Pack	6
M102A	amber	mfg. pack	100
M102R	red	mfg. pack	100
102-15A	amber lens	poly pack	10
102-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		*reference only*

106
Combination 2-Bulb Light w/ Reflex

USA MADE 2 bulbs REFLEX

- Two bulbs for increased reliability.
- Molded base and socket absorb shock and vibration.
- Grounds through mounting screw with single lead wire.
- V108-15 contains two lenses per pack.

Order No.	Description	Pack	Std Carton
M106A	amber	mfg. pack	100
M106R	red	mfg. pack	100
V108-15A	amber lens 2-pack	Viz Pack	6
V108-15R	red lens 2-pack	Viz Pack	6
108-15A	amber lens	poly pack	10
108-15R	red lens	poly pack	10
B108-15A	amber lens	bulk pack	100
B108-15R	red lens	bulk pack	100
193 or 194	12 volt replacement bulb		*reference only*



109
Cab Marker Light

VIZ PACK

- Rugged, diecast housing with chrome-plated finish.
- Special base design and neoprene mounting pad allow light to be mounted on both flat or curved surfaces.
- Single-screw convenience for bulb or lens service.
- Includes single lead wire and grounds through mounting screw.
- Available in amber only.

Order No.	Description	Pack	Std Carton
V109A	amber	Viz Pack	6
67	replacement bulb		*reference only*

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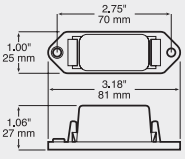
INCANDESCENT CLEARANCE/MARKER

107
Mini-Lite Clearance/Side Marker

VIZ PACK | LONG LIFE BULB

- Amber or red lights functions as clearance, side marker or identification light.
- Blue and green lights are for accessory use only, not for use as legally-required clearance or marker lights.
- Features durable base with external mounting holes.
- Lens snap-locks onto base.
- Running-board light kit contains six lights, mounting hardware, connectors, and easy-to-follow instructions.
- Includes single lead wire and grounds through mounting screw.

Order No.	Description	Pack	Std Carton
V107WA	amber	Viz Pack	3
V107WB	blue	Viz Pack	6
V107WR	red	Viz Pack	3
107WA	amber	poly pack	48
107WR	red	poly pack	48
M107WA	amber	mfg. pack	100
M107WR	red	mfg. pack	100
V107-15A	amber lens	Viz Pack	6
V107-15R	red lens	Viz Pack	6
107-15A	amber lens	poly pack	10
107-15R	red lens	poly pack	10
107-15B	blue lens	poly pack	10
107-15G	green lens	poly pack	10
B107-15A	amber lens	bulk pack	100
B107-15R	red lens	bulk pack	100
193 or 194	12 volt replacement bulb		*reference only*
464	24 volt replacement bulb		*reference only*



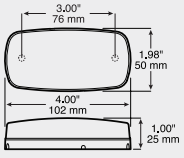
108
Combination 1-Bulb Light w/ Reflex

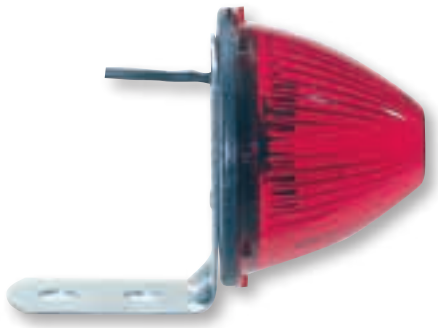
VIZ PACK | LONG LIFE BULB | REFLEX

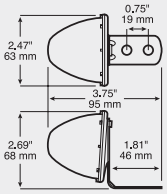
- Molded base with single-bulb socket
- Single lead wire; grounds through mounting screw.
- See pages 251 & 255 for replacement lens photos.
- V108-15A and V108-15R Viz Packs contain two lenses per package.
- Replacement lens compatibility depends on date of manufacture:

MANUFACTURE DATE	AMBER	RED
Through 2011	108-15A	108-15R
2012–2018	108-151A	108-151R
2019–On	V2549-15A	V2549-15R

Order No.	Description	Pack	Std Carton
V108WA	amber	Viz Pack	3
V108WR	red	Viz Pack	3
108WA	amber	poly pack	24
108WR	red	poly pack	24
M108WA	amber	mfg. pack	100
M108WR	red	mfg. pack	100
V2549-15A	amber repl. lens, 2019–on	Viz Pack	10
V2549-15R	red repl. lens, 2019–on	Viz Pack	10
108-151A	amber repl. lens, 2012–2018	poly pack	10
108-151R	red repl. lens, 2012–2018	poly pack	10
B108-151A	amber repl. lens, 2012–2018	bulk pack	100
B108-151R	red repl. lens, 2012–2018	bulk pack	100
V108-15A	amber lens 2-pack, 2011–prior	Viz Pack	6
V108-15R	red lens 2-pack, 2011–prior	Viz Pack	6
108-15A	amber repl. lens, 2011–prior	poly pack	10
108-15R	red repl. lens, 2011–prior	poly pack	10
B108-15A	amber repl. lens, 2011–prior	bulk pack	100
B108-15R	red repl. lens, 2011–prior	bulk pack	100
193 or 194	12 volt replacement bulb		*reference only*





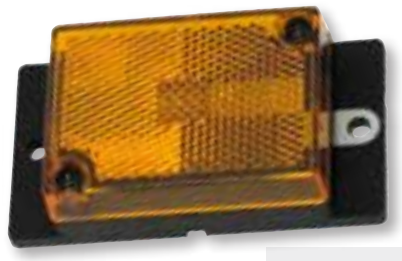


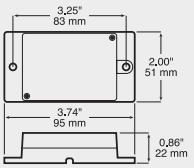
110
PC-Rated Clearance/Side Marker Light

VIZ PACK · LONG LIFE BULB · PC rated

- Has corrosion-resistant molded housing and plated metal bracket.
- Acrylic lens snaps onto housing.
- Includes single lead wire and grounds through mounting screw.
- V110-15 contains two lenses per pack.

Order No.	Description	Pack	Std Carton
V110A	amber	Viz Pack	6
V110R	red	Viz Pack	6
M110A	amber	mfg. pack	100
M110R	red	mfg. pack	100
V110-15A	amber lens 2-pack	Viz Pack	6
V110-15R	red lens 2-pack	Viz Pack	6
110-15A	amber lens	poly pack	10
110-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		*reference only*



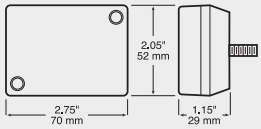


112
Clearance/Side Marker Light w/ Reflex

VIZ PACK · LONG LIFE BULB · REFLEX

- Surface mounts on 3.25" centers.
- Single bulb.
- Single lead wire for electrical connection.
- Grounds through mounting hardware.
- 15,000-hour-rated long-life bulb.

Order No.	Description	Pack	Std Carton
V112A	amber	Viz Pack	3
114-15A	amber lens	poly pack	10
193 or 194	12 volt replacement bulb		*reference only*



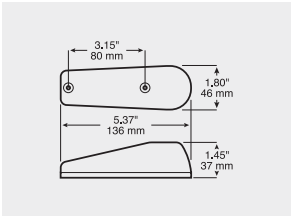
114
PC-Rated Clearance/Side Marker w/ Reflex

VIZ PACK · USA MADE · LED Version Available · LONG LIFE BULB · PC rated · REFLEX

- "Quick Lock" port; just push stripped power wire in to connect.
- Grounds through stud, or through additional ground wire port.
- Use as both side marker and clearance light when properly mounted.
- Features 15,000-hour-rated long life bulb.
- See 170 series LED version on page 59.

Order No.	Description	Pack	Std Carton
V114A	amber	Viz Pack	3
V114R	red	Viz Pack	6
M114A	amber	mfg. pack	100
M114R	red	mfg. pack	100
114-15A	amber lens	poly pack	10
114-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		*reference only*

INCANDESCENT CLEARANCE/MARKER

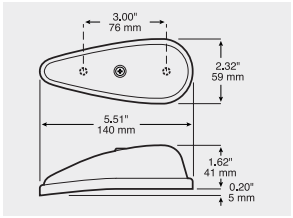


116
Clearance/Side Marker Light w/ Reflex

MARINE RECOMMENDED · REFLEX

- Surface mount, wedge design popular for use on recreational trailers.
- Single electrical lead; grounds through mounting hardware.
- Mounts on 3 1/8" centers.
- Lens and housing sonic-welded to form a sealed single unit.

Order No.	Description	Pack	Std Carton
M116A	amber	mfg. pack	100

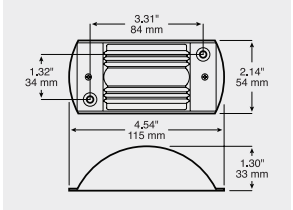


118
Cab Marker Light

VIZ PACK

- Popular style, amber cab marker light interchanges with competitive models.
- Base constructed of molded, corrosion-resistant ABS.
- Grounds through mounting hardware.
- Kit pack includes five lights, wire harness and mounting hardware.

Order No.		Description	Pack	Std Carton
V118A		amber	Viz Pack	6
V118KA	KIT	5 light amber kit	Viz Pack	6
M118A		amber	mfg. pack	200
118-15A		amber lens	poly pack	10
67		replacement bulb		*reference only*



119
PC-Rated Clearance/Side Marker Light

USA MADE · VIBAR · PC rated

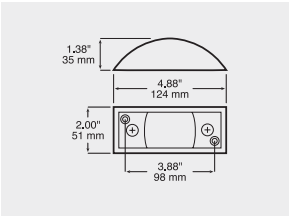
- Functions as combination side marker and clearance light when properly mounted.
- Acrylic lens guarded by 14-gauge, bright-plated steel housing.
- Can be spot-welded to side rails, truck bed rails, etc.
- Flat-back design mounts without disassembly.
- Includes single lead wire and grounds through mounting screw.
- Blue and green for accessory use only.

Order No.	Description	Pack	Std Carton
119A	amber	poly pack	24
119R	red	poly pack	24
M119A	amber	mfg. pack	48
M119R	red	mfg. pack	48
119-15A	amber lens	poly pack	10
119-15R	red lens	poly pack	10
168	replacement bulb		*reference only*

122 Vanguard II Armored
PC-Rated Clearance & Side Marker Light

USA MADE · LONG LIFE BULB · PC rated

- Surface-mount design functions as side marker or clearance light.
- Can also be used as combination marker and clearance light when properly mounted.
- Impact-resistant, molded housing resists rust and corrosion
- Includes mounting gasket.
- Includes single lead wire; grounds through mounting screws.

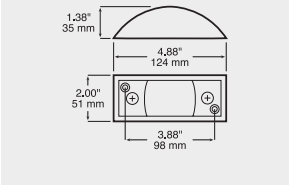


Order No.	Description	Pack	Std Carton
M122A	amber	mfg. pack	48
M122R	red	mfg. pack	48
124-15A	amber lens	poly pack	10
124-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		

122X Vanguard II Armored Chrome
PC-Rated Clearance & Side Marker Light

VIZ PACK · USA MADE · LONG LIFE BULB · PC rated

- Deluxe, chrome-plated version of 122 series clearance and side marker light; same function and features as 122 series.
- Includes single lead wire; grounds through mounting screws.
- Brilliant, durable, copper-nickle, chrome-plated finish.

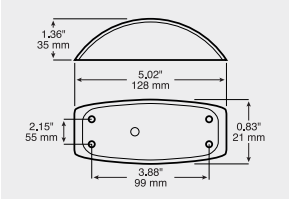


Order No.	Description	Pack	Std Carton
V122XA	amber	Viz Pack	6
V122XR	red	Viz Pack	6
M122XA	amber	mfg. pack	48
M122XR	red	mfg. pack	48
124-15A	amber lens	poly pack	10
124-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		*reference only*

123 Cast Aluminum
PC-Rated Clearance & Side Marker Light

USA MADE · LONG LIFE BULB · PC rated

- Flat back light functions as clearance or side marker light.
- When properly mounted, can also be used as combination side marker and clearance light.
- Flat back design eliminates need for socket hole.
- Features 15,000-hour-rated long life bulb and single lead wire.
- Grounds through mounting screw.



Order No.	Description	Pack	Std Carton
123A	amber	poly pack	24
123R	red	poly pack	24
124-15A	amber lens	poly pack	10
124-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		*reference only*

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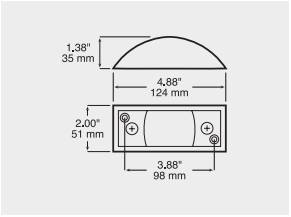
INCANDESCENT CLEARANCE/MARKER

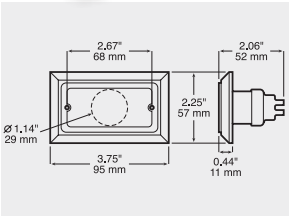


124 Vanguard
PC-Rated Clearance & Side Marker Light

USA MADE · LONG LIFE BULB · PC rated

- Features durable diecast housing, zinc screws and snap-in bushing.
- Pass-through mounting holes for installation without disassembly.
- Flat-back design eliminates need for socket hole.
- Equipped with 15,000-hour-rated long-life bulb.
- Includes single lead wire.
- Grounds through mounting screws.

Order No.	Description	Pack	Std Carton
124A	amber	poly pack	24
124R	red	poly pack	24
M124A	amber	mfg. pack	48
M124R	red	mfg. pack	48
124-15A	amber lens	poly pack	10
124-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		*reference only*

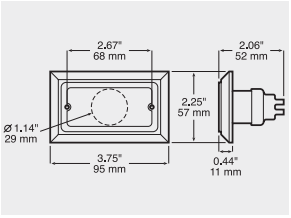


125
Clearance/Side Marker Light w/ Reflex

USA MADE · LONG LIFE BULB · REFLEX

- Lightweight, chrome plated ABS housing
- Mounts on 2-11/16" centers; uses lens screws as mounting screws.
- Twist-in socket assembly contains both lead wire and ground wire for mounting on all surfaces.
- Requires 1-1/4" socket mounting hole for installation.

Order No.	Description	Pack	Std Carton
M125A	amber	mfg. pack	96
M125R	red	mfg. pack	96
125-15A	amber lens	poly pack	10
125-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		*reference only*



126
Clearance/Side Marker Light

VIZ PACK · USA MADE · LONG LIFE BULB

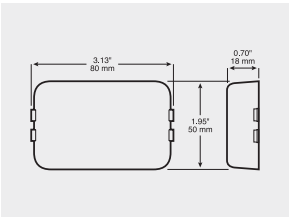
- Lightweight, chrome plated ABS housing
- Mounts on 2-11/16" centers; uses lens screws as mounting screws.
- Twist-in socket assembly contains both lead wire and ground wire for mounting on all surfaces.
- Requires 1-1/4" socket mounting hole for installation.

Order No.	Description	Pack	Std Carton
V126A	amber	Viz Pack	6
V126R	red	Viz Pack	6
M126A	amber	mfg. pack	96
M126R	red	mfg. pack	96
126-25A	amber lens	poly pack	10
126-25R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		*reference only*

127
Clearance/Side Marker Light

VIZ PACK · LED Version Available · LONG LIFE BULB · MARINE RECOMMENDED · REFLEX

- OE replacement light for Knapheide truck bodies.
- Features sealed lens and housing and 15,000-hour-rated, 12-volt bulb.
- Mounts flush to vehicle with rubber grommet.
- Grommet and 2-wire plug required to complete installation.
- Viz-Pack kits include light, plug and white grommet.

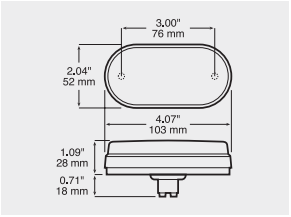


Order No.		Description	Pack	Std Carton
V127KA	KIT	amber kit	Viz Pack	6
V127KR	KIT	red kit	Viz Pack	6
127A		amber	poly pack	24
127R		red	poly pack	24
M127A		amber	mfg. pack	100
M127R		red	mfg. pack	100
127-18		grommet, black	poly pack	24
B127-18		grommet, black	mfg. pack	100
142-49		plug	poly pack	12
B142-49		plug	mfg. pack	100

128
Clearance/Side Marker Light w/ Reflex

VIZ PACK · USA MADE · LED Version Available · LONG LIFE BULB · REFLEX

- Mounts on 3" centers.
- Features twist-in socket assembly with both lead and ground wires for mounting to all surfaces.
- V108-15 contains two lenses per pack.

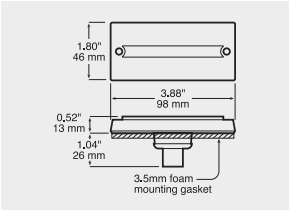


Order No.	Description	Pack	Std Carton
V128A	amber	Viz Pack	6
V128R	red	Viz Pack	6
V108-15A	amber lens	Viz Pack	6
V108-15R	red lens	Viz Pack	6
108-15A	amber lens	poly pack	10
108-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		*reference only*

132
Clearance/Side Marker Light w/ Reflex

VIZ PACK · USA MADE · REFLEX

- Rectangular, one-bulb design.
- Surface mounts on 3-3/8" centers with mounting gasket included.
- Twist-in socket assembly contains both lead wire and ground wire for mounting on all surfaces.



Order No.	Description	Pack	Std Carton
V132A	amber	Viz Pack	6
V132R	red	Viz Pack	6
M132A	amber	mfg. pack	100
M132R	red	mfg. pack	100
193 or 194	12 volt replacement bulb		*reference only*

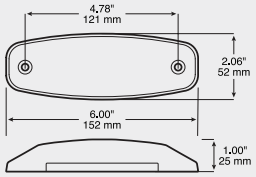
INCANDESCENT CLEARANCE/MARKER

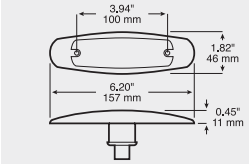
130 Hard-Hat
Clearance/Side Marker Light w/ Reflex

USA MADE | 2 bulbs | LONG LIFE BULB | REFLEX

- Original, hard-hat style clearance or side marker light with built-in reflector optics; eliminates need for separate reflector.
- Contains two bulbs for maximum light output.
- Utilizes one lead wire and grounds through mounting screws.
- Compatible with 106-09 chrome accessory guard. See page 171.

Order No.	Description	Pack	Std Carton
130A	amber	poly pack	24
130R	red	poly pack	24
M130A	amber	mfg. pack	100
M130R	red	mfg. pack	100
130-25A	amber lens	poly pack	10
130-25R	red lens	poly pack	10
V106-09	chrome guard	Viz Pack	6
B106-09	chrome guard	mfg. pack	60
193 or 194	12 volt replacement bulb		*reference only*



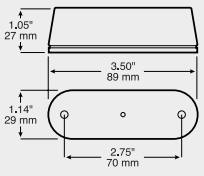


136
Thin-Line Clearance/Side Marker Light

VIZ PACK | LONG LIFE BULB

- Surface mounting.
- High-impact base and scratch-resistant acrylic lens.
- May be mounted horizontally or vertically.
- Includes single lead wire and grounds through mounting screw.

Order No.	Description	Pack	Std Carton
V136A	amber	Viz Pack	6
V136R	red	Viz Pack	6
136A	amber	poly pack	24
136R	red	poly pack	24
M136A	amber	mfg. pack	100
M136R	red	mfg. pack	100
136-15A	amber lens	poly pack	10
136-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		*reference only*



137
Clearance/Side Marker Light

LONG LIFE BULB | REFLEX

- Direct replacement for OE lights on older Peterbilt trucks.
- Two-wire design includes .180 bullet and #10 ring terminal.
- Includes stainless-steel, self-tapping mounting screws.
- Mounts on 3 15/16" centers.

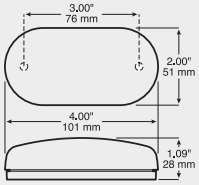
Order No.	Description	Pack	Std Carton
M137A	amber	mfg. pack	50
M137R	red	mfg. pack	50
193 or 194	12 volt replacement bulb		*reference only*

135
PC-Rated Clearance & Side Marker Light

VIZ PACK · USA MADE · LED Version Available · 2 bulbs · LONG LIFE BULB · PC rated

- Two bulb design.
- Acrylic lens snaps onto housing.
- Surface mounts on 3" centers.
- Single wire connection, grounds through mounting hardware.
- 15,000-hour-rated long-life bulb.
- V134-15 contains two lenses per pack.
- See 35 LED version on page 54.

Order No.	Description	Pack	Std Carton
V135A	amber	Viz Pack	3
V135R	red	Viz Pack	3
135A	amber	poly pack	24
135R	red	poly pack	24
M135A	amber	mfg. pack	100
M135R	red	mfg. pack	100
V134-15A	amber lens	Viz Pack	6
V134-15R	red lens	Viz Pack	6
134-15A	amber lens	poly pack	10
134-15R	red lens	poly pack	10
B134-15A	amber lens	bulk pack	100
B134-15R	red lens	bulk pack	100
193 or 194	12 volt replacement bulb		*reference only*

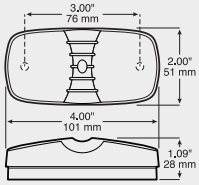


138
PC-Rated Clearance & Side Marker Light

VIZ PACK · USA MADE · LED Version Available · 2 bulbs · LONG LIFE BULB · PC rated

- "Double bulls-eye" twin bulb design.
- Acrylic lens snaps onto housing.
- Surface mounts on 3" centers
- Single 4.5" wire connection, grounds through mounting hardware.
- Features two 15,000-hour-rated long-life bulbs.
- Compatible with 106-09 chrome accessory guard. See page 171.
- Blue, clear and green lenses available for accessory use only.
- V138-15 contains two lenses per pack.
- See 38 LED version on page 54.

Order No.	Description	Pack	Std Carton
V138A	amber	Viz Pack	3
V138R	red	Viz Pack	3
138A	amber	poly pack	24
138R	red	poly pack	24
M138A	amber	mfg. pack	100
M138C	clear	mfg. pack	100
M138G	green	mfg. pack	100
M138R	red	mfg. pack	100
V138-15A	amber lens	Viz Pack	6
V138-15R	red lens	Viz Pack	6
138-15A	amber lens	poly pack	10
138-15R	red lens	poly pack	10
B138-15A	amber lens	bulk pack	100
B138-15B	blue lens	bulk pack	100
B138-15C	clear lens	bulk pack	100
B138-15G	green lens	bulk pack	100
B138-15R	red lens	bulk pack	100
V106-09	chrome guard	Viz Pack	6
B106-09	chrome guard	mfg. pack	60
193 or 194	12 volt replacement bulb		*reference only*
464	24 volt replacement bulb		*reference only*



INCANDESCENT CLEARANCE/MARKER

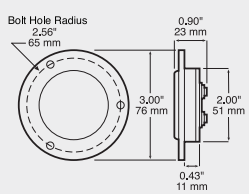
B162-093 retention clip

140 Incandescent
2" Clearance/Side Marker Light w/ Reflex

USA MADE · LED Version Available · LONG LIFE BULB · REFLEX

- 2" round light with 15,000-hour long-life incandescent bulb.
- Built-in reflex, eliminating need for separate reflector.
- Fits metric size mounting holes.
- Welded terminals, no solder.
- Accepts industry standard 2-wire plug.
- 9-16 voltage operating range.
- Protective gasket included.
- See 190 series LED version lights on page 63.

Order No.	Description	Pack	Std Carton
M140FA	amber	mfg. pack	100
M140FR	red	mfg. pack	100
140 24	replacement gasket	mfg. pack	1
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100
B162-093	stainless steel retaining clip	mfg. pack	100



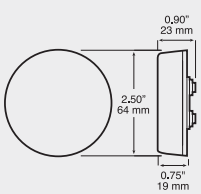
142ABS

142
2½" PC-Rated Clearance/Side Marker Light

VIZ PACK · USA MADE · LED Version Available · LONG LIFE BULB · MARINE RECOMMENDED · PC rated

- Lens is welded to housing to form single unit.
- Requires mounting grommet and 2-wire plug for installation.
- Features 15,000-hour-rated long-life bulb.
- Kits include 142 light, 142-18 grommet and 142-49 plug.
- ABS warning version avail., or see 2954 accessory ABS label on page 194.
- See pages 64–65 for LED versions.
- See mounting accessory section for additional mounting options.

Order No.		Description	Pack	Std Carton
V142A		amber	Viz Pack	6
V142R		red	Viz Pack	6
V142KA	KIT	amber kit	Viz Pack	6
V142KR	KIT	red kit	Viz Pack	6
142A		amber	poly pack	24
142R		red	poly pack	24
142KA	KIT	amber kit	poly pack	12
142KR	KIT	red kit	poly pack	12
M142A		amber	mfg. pack	100
M142R		red	mfg. pack	100
M142ABS		amber w/ ABS label	mfg. pack	100
142-18		grommet	poly pack	24
B142-18		grommet	mfg. pack	100
142-49		plug	poly pack	12
B142-49		plug	mfg. pack	100



143FR

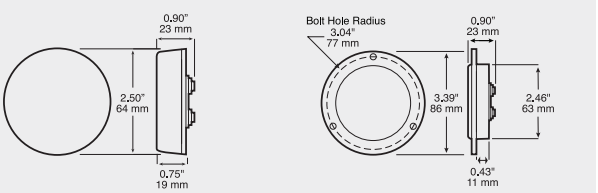
143

2½" Clearance/Side Marker Light w/ Reflex

VIZ PACK · USA MADE · LED Version Available · LONG LIFE BULB · MARINE RECOMMENDED · REFLEX

- Functions as side marker or clearance light.
- 143 series features built-in reflex optics, eliminating the need for a separate reflector.
- 143F has reflex-enabled flange integral with lens.
- 143 light comes without flange for use with rubber grommet.
- Accepts industry standard 2-wire plug.
- Features 15,000-hour-rated long life bulb.
- See pages 62–63 for LED versions.
- See mounting accessory section for additional mounting options.

Order No.	Description	Pack	Std Carton
V143A	amber	Viz Pack	6
V143R	red	Viz Pack	6
143A	amber	poly pack	24
143R	red	poly pack	24
M143A	amber	mfg. pack	100
M143R	red	mfg. pack	100
M143FA	amber, flange mount	mfg. pack	100
M143FR	red, flange mount	mfg. pack	100
142-18	grommet	poly pack	24
B142-18	grommet	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100



146S Series

146ABS

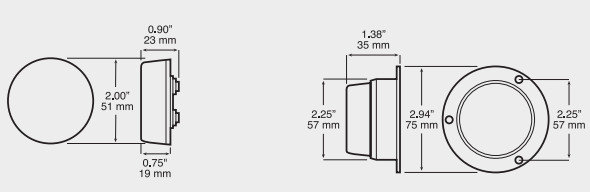
146

2" PC-Rated Clearance/Side Marker Light

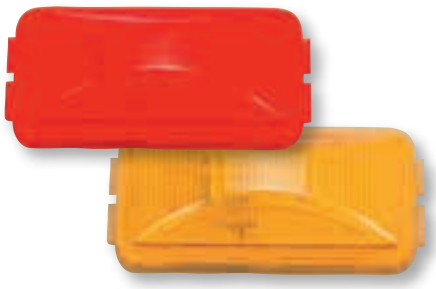
VIZ PACK · USA MADE · LED Version Available · LONG LIFE BULB · MARINE RECOMMENDED · 24 Volt Version · PC rated

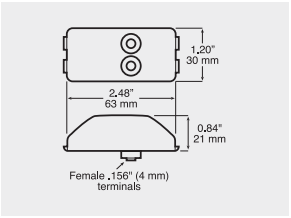
- Functions as side marker or clearance light.
- May be used as combination side marker and clearance light when mounted at a 45° angle.
- Features sealed lens and housing; 146F and 146S lights are sonic welded to flange to form single unit.
- 146 light comes without flange for use with rubber grommet.
- Requires 2-wire plug to complete installation.
- Features 15,000-hour-rated long-life bulb.
- Kit includes 146 light, 146-18 grommet and 142-49 plug.
- ABS warning version avail., or see 2954 accessory ABS label on page 194.
- See page 69 for LED versions.
- See mounting accessory section for additional mounting options.

Order No.		Description	Pack	Std Carton
V146A		amber	Viz Pack	6
V146R		red	Viz Pack	6
V146KA	KIT	amber kit	Viz Pack	6
V146KR	KIT	red kit	Viz Pack	6
146A		amber	poly pack	24
146R		red	poly pack	24
M146A		amber	mfg. pack	100
M146R		red	mfg. pack	100
M146KA	KIT	amber kit	mfg. pack	100
M146KR	KIT	red kit	mfg. pack	100
M146SA		amber, surface mount	mfg. pack	100
M146SR		red, surface mount	mfg. pack	100
M146ABS		amber w/ ABS mark	mfg. pack	100
146-18		grommet	poly pack	24
B146-18		grommet	mfg. pack	100
142-49		plug	poly pack	12
B142-49		plug	mfg. pack	100



INCANDESCENT CLEARANCE/MARKER





150-09

150-10

150-102

150-18

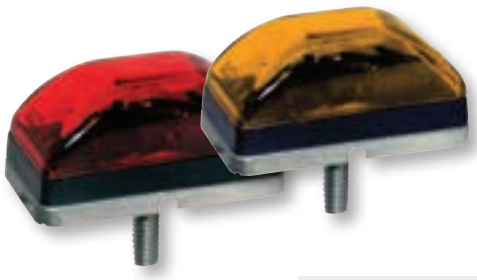
150-181

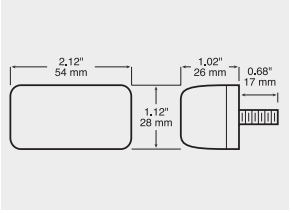
150
PC-Rated Clearance/Side Marker Light

VIZ PACK · USA MADE · LED Version Available · LONG LIFE BULB · MARINE RECOMMENDED · PC rated

- Functions as side marker or clearance light and may be used as a combination clearance and side marker when properly mounted.
- Lens is welded to housing to form single unit.
- Features 15,000-hour-rated, long-life bulb and female terminals.
- Mounting bracket and electrical connector required to complete installation; see mounting and electrical accessories for details.
- Viz Pack kits include light, 150-102 bracket, lead wire and screws.
- 2636 kit includes light, 150-18 grommet, and 142-49 plug.
- See 203 series LED version on page 70.

Order No.		Description	Pack	Std Carton
V150A		amber	Viz Pack	6
V150R		red	Viz Pack	6
V150KA	KIT	amber kit	Viz Pack	6
V150KR	KIT	red kit	Viz Pack	6
150A		amber	poly pack	24
150R		red	poly pack	24
M150A		amber	mfg. pack	100
M150R		red	mfg. pack	100
2636A	KIT	amber kit	mfg. pack	100
2636R	KIT	red kit	mfg. pack	100
150-092	KIT	chassis/black kit	poly pack	12
150-102	KIT	chassis/chrome kit	poly pack	12
B150-12		chassis/chrome bracket	mfg. pack	100
B150-491		18" molded lead	mfg. pack	100
150-09		gray bracket	poly pack	12
150-091		white bracket	poly pack	12
150-10		chrome bracket	poly pack	12
150-13		black bracket	poly pack	12
B150-18		black grommet	mfg. pack	100
B150-181		black grommet	mfg. pack	100
142-49		6" 2-wire plug	poly pack	12
B142-49		6" 2-wire plug	mfg. pack	100
B142-50		19" 2-wire plug	mfg. pack	100
B142-51		12" 2-wire plug	mfg. pack	100



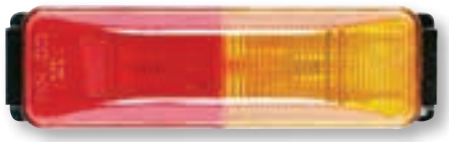


151
Clearance/Side Marker Light

LED Version Available · MARINE RECOMMENDED

- Functions as side marker or clearance light.
- Lens is welded to housing to form single unit.
- Mounting stud serves as ground when mounted to metallic surface.
- Comes with a single 24" lead wire.
- Available in amber or red.
- See 191 Series LED version on page 70.

Order No.	Description	Pack	Std Carton
151A	amber	poly pack	24
151R	red	poly pack	24
M151A	amber	mfg. pack	100
M151R	red	mfg. pack	100

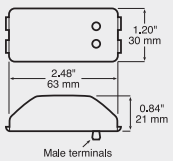


152
PC-Rated Clearance/Side Marker Light

USA MADE · LONG LIFE BULB · MARINE RECOMMENDED · PC rated

- Functions as side marker or clearance light.
- When mounted at a 45° angle, light may be used as combination clearance and side marker light.
- Lens is welded to housing to form single unit.
- Mounting grommet and electrical connector required.
- Kits include 152 light, single 17" lead wire, and mounting bracket with stud that serves as ground when mounted to metallic surface.
- 152 series has male pins.
- Features 15,000-hour-rated, long-life bulb.
- See mounting accessories for additional mounting options.
- Available in amber or red.

Order No.		Description	Pack	Std Carton
152A		amber	poly pack	24
152R		red	poly pack	24
M152A		amber	mfg. pack	100
M152R		red	mfg. pack	100
M152BKA	KIT	amber/black kit	mfg. pack	100
M152BKR	KIT	red/black kit	mfg. pack	100
B150-18		black grommet	mfg. pack	100
152-49		replacement lead wire	poly pack	12
B153-49		2-way plug	mfg. pack	100

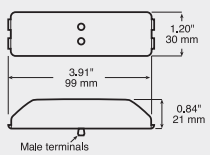


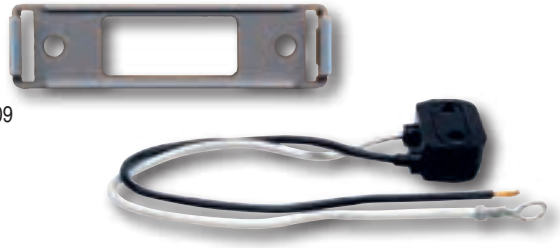
154A-R
Clearance/Side Marker Light

LED Version Available · LONG LIFE BULB · MARINE RECOMMENDED

- Functions as both amber front clearance light and red rear clearance light for over 80" applications.
- Mounts on top or side of most fenders to mark widest point on trailer; ideal for boat, cargo or horse trailers.
- Mounting bracket and electrical connector are required to complete installation; 154 series has male pins.
- Mounting screw serves as ground when mounted to metallic surface with single lead wire for electrical connection.
- Features two 15,000-hour-rated, long-life bulbs.
- See 161 LED version on page 57.
- Utilizes same mounting hardware as standard 154 series; see mounting accessories section for additional mounting options.

Order No.		Description	Pack	Std Carton
154A-R		amber/red	poly pack	24
M154A-R		amber/red	mfg. pack	100
154-09K	KIT	gray bracket kit	poly pack	12
B154-09		gray bracket	mfg. pack	100
154-10K	KIT	chrome bracket kit	poly pack	12
B154-10		chrome bracket	mfg. pack	100
B154-11		black bracket	mfg. pack	100
154-11K	KIT	black bracket kit	poly pack	12
B154-11K	KIT	black bracket kit	mfg. pack	100
B154-11K-BT1	KIT	black bracket kit, .180 bullet term	mfg. pack	100
153-49		plug	poly pack	12
B153-49		plug	mfg. pack	100





154-09

153-49

154-09K

154-10K

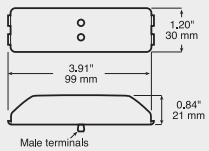
154-11K

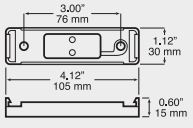
154
PC-Rated Clearance/Side Marker Light

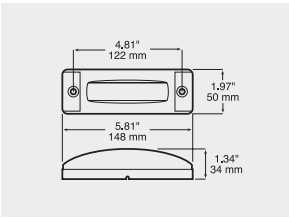
VIZ PACK | LED LED Version Available | LONG LIFE BULB | MARINE RECOMMENDED | PC rated

- Functions as side marker or clearance light.
- When mounted at a 45° angle, light may be used as combination clearance and side marker light.
- Lens is welded to housing to form single unit.
- Mounting bracket and electrical connector required.
- Mounting screw serves as ground when mounted to metallic surface with single lead wire for electrical connection.
- Features two 15,000-hour-rated, long-life bulbs.
- Kits includes 154 light and gray mounting bracket with lead wire molded into terminal pad and mounting screws.
- 154KA & 154KR kits include light and black mounting bracket with lead wire molded into terminal pad.
- See mounting accessories section for additional mounting options.
- See 161 LED versions on page 57.

Order No.		Description	Pack	Std Carton
V154A		amber	Viz Pack	6
V154R		red	Viz Pack	6
154A		amber	poly pack	24
154R		red	poly pack	24
154KA	KIT	amber/gray kit	poly pack	24
154KR	KIT	red/gray kit	poly pack	24
M154A		amber	mfg. pack	100
M154R		red	mfg. pack	100
M154KA	KIT	amber kit	mfg. pack	100
M154KR	KIT	red kit	mfg. pack	100
154-09K	KIT	gray bracket kit	poly pack	12
B154-09		gray bracket	mfg. pack	100
154-10K	KIT	chrome bracket kit	poly pack	12
B154-10		chrome bracket	mfg. pack	100
B154-11		black bracket	mfg. pack	100
154-11K	KIT	black bracket kit	poly pack	12
B154-11K	KIT	black bracket kit	mfg. pack	100
B154-11K-BT1	KIT	black bracket kit, .180 bullet term	mfg. pack	100
153-49		plug	poly pack	12
B153-49		plug	mfg. pack	100





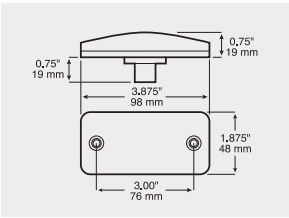


155 Sealed PC-Rated Hard Hat II Clearance/Side Marker Light

USA MADE · LED Version Available · LONG LIFE BULB · PC rated

- May be used as combination side marker and clearance light when properly mounted at a 45° angle.
- Features internal brass contacts for extended service.
- Fitted with two 15,000-hour-rated, long-life bulbs.
- High impact lens is welded to housing to form a single unit.
- 160-49 or 160-491 plug required for installation.
- 155A/R poly pack contains a 160-49 style plug.

Order No.	Description	Pack	Std Carton
155A	amber, sealed	poly pack	24
155R	red, sealed	poly pack	24
M155A	amber, sealed	mfg. pack	50
M155R	red, sealed	mfg. pack	50
160-49	plug	poly pack	12
B160-49	plug	mfg. pack	100

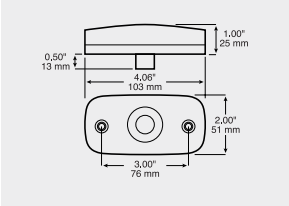


2548 Clearance/Side Marker Light

VIZ PACK · REFLEX

- Popular for RV applications.
- Lens and base welded to form single sealed unit.
- Includes .175"-thick closed cell cushion for mounting.
- Twist-out bulb socket for easy bulb replacement.
- Two-wire electrical connection.

Order No.	Description	Pack	Std Carton
V2548A	amber	Viz Pack	10
V2548R	red	Viz Pack	10
M2548A	amber	mfg. pack	100
M2548R	red	mfg. pack	100
193 or 194	12 volt replacement bulb		*reference only*



2549 Clearance/Side Marker Light

VIZ PACK · REFLEX

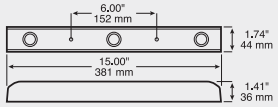
- Popular for RV applications.
- Snap-off lens and twist-out bulb socket provide easy bulb access from outside vehicle or from behind mounting panel.
- Two-wire electrical connection.

Order No.	Description	Pack	Std Carton
V2549A	amber	Viz Pack	10
V2549R	red	Viz Pack	10
V2549-15A	amber replacement lens	Viz Pack	10
V2549-15R	red replacement lens	Viz Pack	10
193 or 194	12 volt replacement bulb		*reference only*

Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com

186-3R shown

177-3R features 3/4" lights

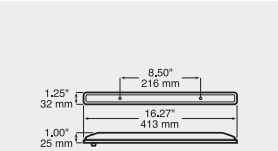


177 / 186 LED
Identification Light Bar

3 diodes | LumenX | Defender Approved | USA Made

- Three individual single diode LED lights pre-mounted in one-piece housing.
- 177-3R features 3/4" diameter Dot Lights™.
- 186-3R has three, 1-3/8" diameter, single diode LumenX® Dot XL™ lights.
- Housing made of rugged, corrosion-resistant polymer.
- 9-16 volt operating range.
- Individual lights have hardwired leads terminated with .180 bullets.
- All leads are plugged into pre-installed gang harness for ease of installation.

Order No.	Description	Pack	Std Carton
177-3R	red, 0.75" dia. lights	poly pack	6
186-3R	red, 1 3/8" dia. lights	poly pack	6
M177-3R	red, 0.75" dia. lights	mfg. pack	50
M186-3R	red, 1 3/8" dia. lights	mfg. pack	50

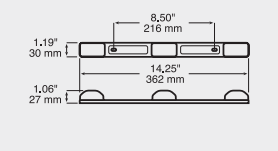


169 LED
Identification Light Bar

6 diodes | VIZ PACK | HARD WIRED

- One-piece housing sealed with epoxy eliminates weld joints.
- Operates from 9-16 volts.
- Features 2-wire, hardwired design.
- Includes mounting gasket.
- Standard version includes blunt-cut hot wires and #10 ring terminal on ground.
- Also available with .180 bullets on hot wires.

Order No.	Description	Pack	Std Carton
V169-3R	red	Viz Pack	3
169-3R	red	poly pack	24
M169-3A	amber	mfg. pack	100
M169-3R	red	mfg. pack	100
M169-3ABT1	amber w/ .180 bullet & ring term	mfg. pack	100
M169-3RBT1	red w/ .180 bullet & ring term	mfg. pack	100
M169-3RBT2	red w/ two .180 bullets	mfg. pack	100



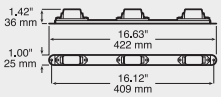
191-3 LED
Identification Light Bar

6 diodes | VIZ PACK | HARD WIRED

- Sealed LED Identification bar for over-80" applications
- Stainless steel bar is corrosion-resistant with three sealed LED lights
- Pre-wired with single 60" hardwired lead wire
- Mounts on 8.5" centers.

Order No.	Description	Pack	Std Carton
V191-3RL	red	Viz Pack	6
M191-3RL	red	mfg. pack	50

107-3
Mini Light Bar

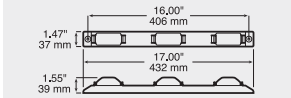


VIZ PACK

- Economical identification bar light for over 80" applications.
- 107-3 corrosion-resistant bar is powder-coated white with three 107 lights attached.
- Mounts on 16-1/8" centers and grounds through mounting hardware.

Order No.	Description	Pack	Std Carton
V107-3R	red	Viz Pack	3
107-3R	red	poly pack	24
M107-3A	amber	mfg. pack	48
M107-3R	red	mfg. pack	48
107-15A	amber lens	poly pack	10
107-15R	red lens	poly pack	10
B107-15A	amber lens	mfg. pack	100
B107-15R	red lens	mfg. pack	100
193 or 194	12 volt replacement bulb		*reference only*

150-3 Sealed
Submersible Light Bar



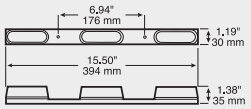
LONG LIFE BULB

MARINE RECOM-MENDED

- Submersible identification bar light for over 80" applications.
- Black polycarbonate bar is corrosion-proof with three 150 sealed lights attached.
- 150 lights snap on/off for easy service.
- Mounts on 16" centers.
- 0.20 " mounting holes accept #10 screws.
- Includes three-plug harness with two lead wires.
- All versions have 6" ground wire w/ ring terminal and 50" hot wire.
- Field upgradable to LEDs – bar also accepts 203 series on page 70.

Order No.	Description	Pack	Std Carton
150-3R	red	poly pack	6
M150-3R	red	mfg. pack	48
150R	replacement light	poly pack	24
150-49	replac. harness w/ 8" hot lead	poly pack	10

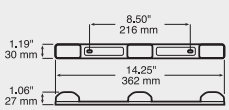
136-3
Thin-Line Light Bar



- Identification bar light for over 80" applications.
- Corrosion resistant bar is 24-gauge steel with black enamel finish and three 136 oval lights attached.
- Mounts on 6-15/16" centers.
- Includes single lead wire and grounds through mounting hardware.

Order No.	Description	Pack	Std Carton
136-3R	red	poly pack	24
136-15A	amber lens	poly pack	10
136-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		*reference only*

151-3 Sealed
Submersible Light Bar



VIZ PACK

LED LED Version Available

LONG LIFE BULB

MARINE RECOM-MENDED

- Submersible identification bar light for over 80" applications.
- Stainless steel bar is corrosion-resistant with three sealed lights.
- Pre-wired with 60" lead wire.
- Grounds through mounting hardware.
- Mounts on 8 1/2" centers.
- See 191-3R LED version at left.

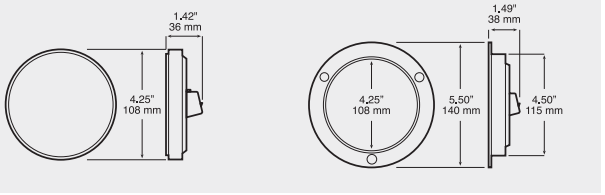
Order No.	Description	Pack	Std Carton
V151-3RL	red	Viz Pack	6
M151-3RL	red	mfg. pack	48

817-7/818-7 *LumenX*® LED 4" Round Back-Up Light

7 diodes · DEFENDER APPROVED · LumenX · USA MADE · REG Voltage Regulated

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- AMP-compatible connector integrated into housing.
- 818-7 has flange integrated into the housing.
- 817-7 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 817 kit includes light, grommet and 817-48 plug.
- 818 kit includes light and 817-48 plug.

Order No.		Description	Pack	Std Carton
817C-7		grommet mount	poly pack	6
818C-7		flange mount	poly pack	6
817KC-7	KIT	grommet mount kit	poly pack	6
818KC-7	KIT	flange mount kit	poly pack	6
M817C-7		grommet mount	mfg. pack	50
M818C-7		flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
417-48		hardshell plug	poly pack	6
B417-48		hardshell plug	mfg. pack	100
817-48		molded plug	poly pack	12
B817-48		molded plug	mfg. pack	100

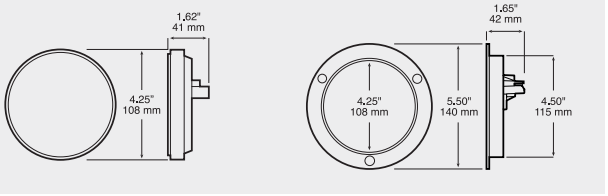


824-7/826-7 *LumenX*® LED 4" Round Back-Up Light

7 diodes · VIZ PACK · LumenX · USA MADE · REG Voltage Regulated

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- Industry-standard PL3 socket integrated into housing.
- 824-7 has flange integrated into the housing.
- 826-7 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 826 kit includes light, grommet and 431-49 plug.
- 824 kit includes light and 431-49 plug.

Order No.		Description	Pack	Std Carton
V826KC-7	KIT	grommet mount kit	Viz Pack	6
V824KC-7	KIT	flange mount kit	Viz Pack	6
826C-7		grommet mount	poly pack	6
824C-7		flange mount	poly pack	6
826KC-7	KIT	grommet mount	poly pack	6
824KC-7	KIT	flange mount	poly pack	6
M826C-7		grommet mount	mfg. pack	50
M824C-7		flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
431-49		plug	poly pack	12
B431-49		plug	mfg. pack	100

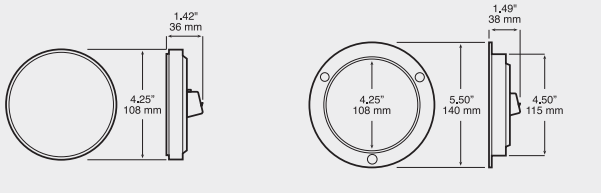


817-9/818-9 *LumenX*® LED 4" Round Back-Up Light

9 diodes | DEFENDER APPROVED | LumenX | USA MADE | REG Voltage Regulated

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- AMP-compatible connector integrated into housing.
- 818-9 has flange integrated into the housing.
- 817-9 has skirted weld joint for added protection against moisture
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 817 kit includes light, grommet and 817-48 plug.
- 818 kit includes light and 817-48 plug.

Order No.		Description	Pack	Std Carton
817C-9		grommet mount	poly pack	6
818C-9		flange mount	poly pack	6
817KC-9	KIT	grommet mount kit	poly pack	6
818KC-9	KIT	flange mount kit	poly pack	6
M817C-9		grommet mount	mfg. pack	50
M818C-9		flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
417-48		hardshell plug	poly pack	6
B417-48		hardshell plug	mfg. pack	100
817-48		molded plug	poly pack	12
B817-48		molded plug	mfg. pack	100

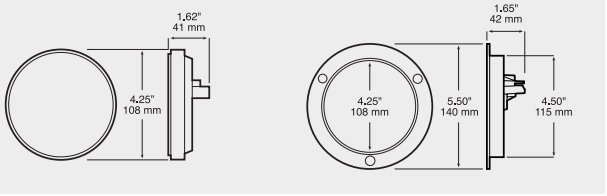


824-9/826-9 *LumenX*® LED 4" Round Back-Up Light

9 diodes | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- Industry-standard PL3 socket integrated into housing.
- 824-9 has flange integrated into the housing.
- 826-9 has skirted weld joint for added protection against moisture.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 826 kit includes light, grommet and 431-49 plug.
- 824 kit includes light and 431-49 plug.

Order No.		Description	Pack	Std Carton
826C-9		grommet mount	poly pack	6
824C-9		flange mount	poly pack	6
826KC-9	KIT	grommet mount	poly pack	6
824KC-9	KIT	flange mount	poly pack	6
M826C-9		grommet mount	mfg. pack	50
M824C-9		flange mount	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
431-49		plug	poly pack	12
B431-49		plug	mfg. pack	100

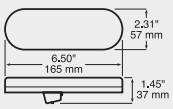


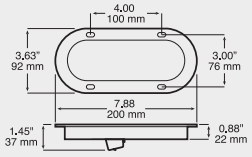
820-7/823-7 *LumenX*® LED Oval Back-Up Light

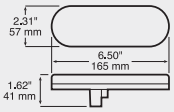
7 diodes · DEFENDER APPROVED · LumenX · USA MADE · REG Voltage Regulated

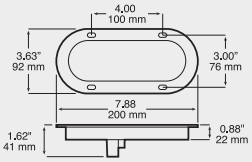
- A single light meets FMVSS 108 requirements when properly mounted.
- AMP-compatible connector integrated into housing.
- 823-7 has flange welded to light, forming a single unit.
- 9–16 volt operating range.
- 823CTL-7 version has integral narrower flange with recessed lens and two mounting holes positioned at ends for narrower rail applications.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 820 kit includes light, grommet and 817-48 plug.
- 823 kit includes light and 817-48 plug.

Order No.		Description	Pack	Std Carton
820C-7		grommet mount	poly pack	6
823C-7		flange mount	poly pack	6
820KC-7	KIT	grommet mount kit	poly pack	6
823KC-7	KIT	flange mount kit	poly pack	6
M820C-7		grommet mount	mfg. pack	50
M823C-7		flange mount	mfg. pack	50
M823CTL-7		narrow, 2-screw flange	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
417-48		hardshell plug	poly pack	6
B417-48		hardshell plug	mfg. pack	100
817-48		molded plug	poly pack	12
B817-48		molded plug	mfg. pack	100









821-7/822-7 *LumenX*® LED Oval Back-Up Light

7 diodes · VIZ PACK · LumenX · USA MADE · REG Voltage Regulated

- A single light meets FMVSS 108 requirements when properly mounted.
- Industry-standard PL3 socket integrated into housing.
- 822-7 has flange welded to light, forming a single unit.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 821 kit includes light, grommet and 421-49 plug.
- 822 kit includes light and 421-49 plug.

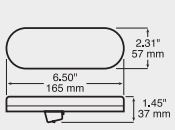
Order No.		Description	Pack	Std Carton
V821KC-7	KIT	grommet mount kit	Viz Pack	6
V822KC-7	KIT	flange mount kit	Viz Pack	6
821C-7		grommet mount	poly pack	6
822C-7		flange mount	poly pack	6
821KC-7	KIT	grommet mount	poly pack	6
822KC-7	KIT	flange mount	poly pack	6
M821C-7		grommet mount	mfg. pack	50
M822C-7		flange mount	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
421-49		plug	poly pack	12
B421-49		plug	mfg. pack	100

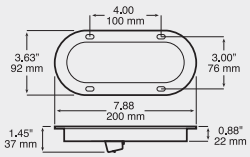
820-10/823-10 *LumenX*® LED Oval Back-Up Light

10 diodes · DEFENDER APPROVED · LumenX · USA MADE · MV Multi-Volt 12V & 24V · REG Voltage Regulated

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- AMP-compatible connector integrated into housing.
- 823-10 has flange welded to light, forming a single unit.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 820 kit includes light, grommet and 817-48 plug.
- 823 kit includes light and 817-48 plug.

Order No.		Description	Pack	Std Carton
820C-10		grommet mount	poly pack	6
823C-10		flange mount	poly pack	6
820KC-10	KIT	grommet mount kit	poly pack	6
823KC-10	KIT	flange mount kit	poly pack	6
M820C-10		grommet mount	mfg. pack	50
M823C-10		flange mount	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
417-48		hardshell plug	poly pack	6
B417-48		hardshell plug	mfg. pack	100
817-48		molded plug	poly pack	12
B817-48		molded plug	mfg. pack	100



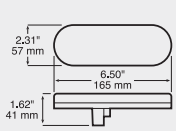


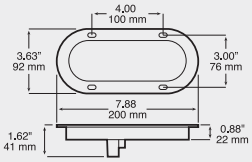
821-10/822-10 *LumenX*® LED Oval Back-Up Light

10 diodes · LumenX · USA MADE · MV Multi-Volt 12V & 24V · REG Voltage Regulated

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- Industry-standard PL3 socket integrated into housing.
- 822-10 has flange welded to light, forming a single unit.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 821 kit includes light, grommet and 421-49 plug.
- 822 kit includes light and 421-49 plug.

Order No.		Description	Pack	Std Carton
821C-10		grommet mount	poly pack	6
822C-10		flange mount	poly pack	6
821KC-10	KIT	grommet mount	poly pack	6
822KC-10	KIT	flange mount	poly pack	6
M821C-10		grommet mount	mfg. pack	50
M822C-10		flange mount	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
421-49		plug	poly pack	6
B421-49		plug	mfg. pack	100





NEW!

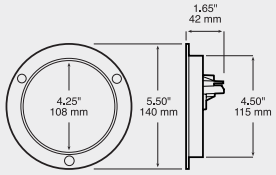
RECESSED LENS

829-7 *LumenX*® LED
4" Round Back-Up Light w/ Reflex

7 diodes | LumenX | USA MADE | REG Voltage Regulated | REFLEX

- Optically advanced design fully illuminates lens.
- Industry-standard PL3 socket integrated into housing.
- Single light meets FMVSS 108 requirements when properly mounted.
- Flange with reflector optics integrated into housing, provides auxiliary reflex function.
- See M829R-7 for stop & tail companion model.
- 9-16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- Includes protective gasket.

Order No.	Description	Pack	Std Carton
M829C-7	flange mount with reflex	mfg. pack	50
431-49	plug	poly pack	12
B431-49	plug	mfg. pack	100

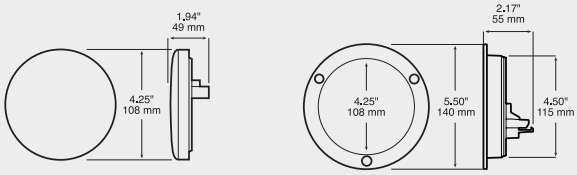


824/826 Single Diode LED
4" Round Back-Up Light

1 diode | USA MADE | MV Multi-Volt 12V & 24V

- Single diode LED light with traditional incandescent lens look.
- Industry-standard PL3 socket integrated into housing with locking tabs for added plug retention.
- 9-32 operating range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 826C requires 426-18 grommet.
- 824C features gray housing with integral mounting flange.
- 824C flange has recessed lens.
- 431-49 plug required for installation.

Order No.	Description	Pack	Std Carton
826C-MV	grommet mount, multi-volt	poly pack	6
824C-MV	flange mount, multi-volt	poly pack	6
M826C-MV	grommet mount, multi-volt	mfg. pack	50
M824C-MV	flange mount, multi-volt	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-49	plug	poly pack	12
B431-49	plug	mfg. pack	100

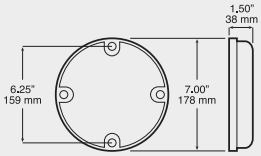


717 *Great White*® LED 7" Back-Up/Dome Light

20 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Round, 7-inch size popular for bus and transit applications.
- Sealed potted design.
- 9–32 volt operating range.
- Surface mount with standard 4-hole mounting pattern.
- Comes standard with mounting gasket providing additional protection between lamp and mounting surface.
- Hardwired leads terminated with .180 male bullet and ring terminal for ground.
- Matching red stop/turn/tail light available on page 16.
- Matching amber turn signal available on page 44.

Order No.	Description	Pack	Std Carton
717C	surface mount	poly pack	20

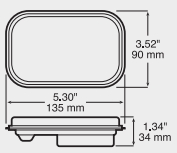


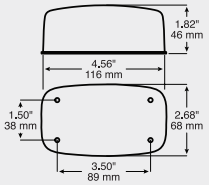
850C *Great White*® LED Rectangular Back-Up Light

20 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE & DOT

- Two versions available for mounting in either horizontal or vertical orientation.
- Meets DOT & ECE requirements when mounted as specified.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- 12-inch or 6½-foot hardwired stripped leads
- 850C-1P has hardwired PL3 plug
- Matching red stop/turn/tail light available on page 16.
- Matching amber turn signal available on page 44.

Order No.	Description	Pack	Std Carton
P850C-1	vertical, 12" leads	poly pack	6
850C	vertical, 6½' leads	mfg. pack	10
850C-AMP	vertical, 12' leads w/ AMP plug	mfg. pack	10
850C-1P	vertical, 12" leads, with plug	mfg. pack	10
850C-1	vertical, 12" leads	mfg. pack	10
850HC-1	horizontal, 12" leads	mfg. pack	10
850-18	rubber grommet	poly pack	12
B850-18	rubber grommet	mfg. pack	100



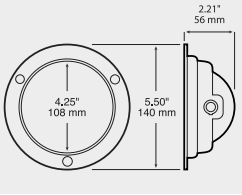


393
Back-Up Light

USA MADE

- Rectangular, bulb-replaceable back-up light.
- Features tough polycarbonate lens and unique pillow optics that allow maximum light output.
- Grounds through mounting screws with single lead wire for electrical connection.
- See matching 306R stop/turn/tail light on page 21.
- See matching 306A turn signal on page 49.

Order No.	Description	Pack	Std Carton
M393C	clear	poly pack	48
306-25C	replacement lens	poly pack	10
411-07	replacement pigtail	poly pack	25
1141	replacement bulb		*reference only*

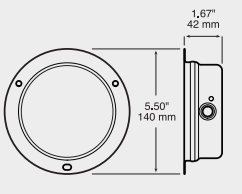


411C
4" Round Flanged Back-Up Light

USA MADE

- Single-wire, flush-mount 4" round back-up light
- Black polycarbonate housing with galvanized steel retainer ring
- Fits in 4 1/2" hole and secures with three screws or rivets

Order No.	Description	Pack	Std Carton
M411C	clear	mfg. pack	48
410-21	galvanized retainer ring	poly bag	25
411-24	mounting gasket	poly pack	10
411-07	replacement pigtail	poly pack	25
414-15C	replacement lens	poly pack	10
1156	replacement bulb		*reference only*



411SC
4" Round Flanged Stainless Steel Back-Up Light

USA MADE

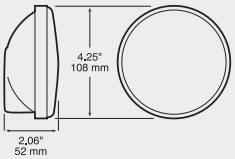
- Single-wire, flush-mount 4" round back-up light
- Stainless steel housing and retainer ring
- Fits in 4 1/2" hole and secures with three screws or rivets

Order No.	Description	Pack	Std Carton
M411SC	clear, stainless steel housing	mfg. pack	48
425S-21	SS retainer ring	poly bag	25
411-24	mounting gasket	poly pack	10
411-07	replacement pigtail	poly pack	25
414-15C	replacement lens	poly pack	10
1156	replacement bulb		*reference only*

415/431 Sealed
4" Round Back-Up Light

- Available with standard bulb (431) or long life krypton bulb (415).
- Requires mounting grommet and 2-wire plug for installation.
- Kits include light, grommet, and plug.
- See 426A turn signal, and 426R stop/turn/tail companion models.
- Equipped with dual filament, 2.10 amp, 32 cp bulb.
- 415 series features long-life krypton bulb.
- Can be used with 3-wire plug to provide accessory low-light function.
- See LED version on page 98.

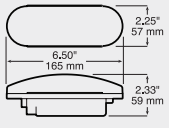
Order No.		Description	Pack	Std Carton
415		clear, long-life bulb	poly pack	12
415K		clear kit, long-life bulb	poly pack	12
M415		clear, long-life bulb	mfg. pack	48
M431C		clear	mfg. pack	50
M431KC	KIT	clear kit	mfg. pack	50
426-18		grommet	poly pack	12
B426-18		grommet	mfg. pack	100
431-49		plug	poly pack	12
B431-49		plug	mfg. pack	100

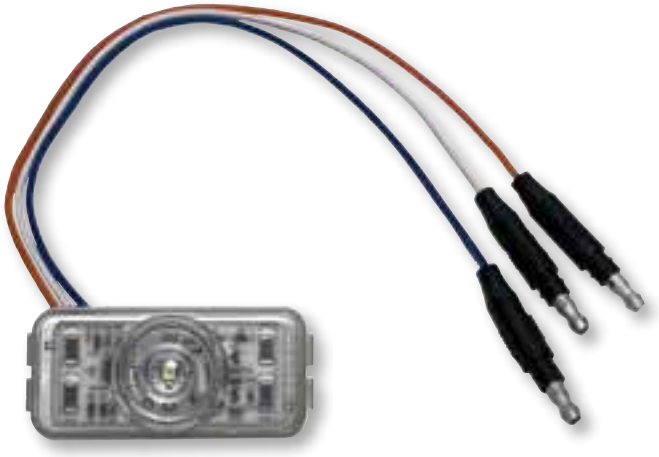


416 Sealed
Oval Back-Up Light

- Meets DOT requirement in either horizontal or vertical position.
- Polycarbonate lens welded to housing to form single unit.
- Requires mounting grommet and 2-wire plug for installation.
- 416K kit include light, grommet, and right-angle plug.
- 12-volt lamps designed with dual filament, 2.1 amp, 32 cp bulb.
- Can be used with 3-wire plug to provide accessory low-light function.
- See LED versions on page 96–97.

Order No.		Description	Pack	Std Carton
416		clear	poly pack	12
416K	KIT	clear kit	poly pack	12
M416		clear	mfg. pack	48
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
421-49		right angle plug	poly pack	12
B421-49		right angle plug	mfg. pack	100





153CTP LED
Vehicle System Monitoring Light

1 diode | DEFENDER APPROVED | HARD WIRED

- Three-wire connection for test and indicator functions.
- Lights only when activated by monitored circuit. Perfect for tire pressure monitoring systems.
- Power-on self-test function lights lamp for approximately 30 seconds when power is initially applied.
- 9–16 volt operating range.
- Leads terminated with .180 bullets.
- Fits 150-091 and 150-095 brackets (See pages 175–176).

Order No.	Description	Pack	Std Carton
153CTP-BT3	white w/ .180 bullets	poly pack	6
M153CTP-BT3	white w/ .180 bullets	mfg. pack	50
150-095	mounting bracket	poly pack	12
B150-095	mounting bracket	mfg. pack	100

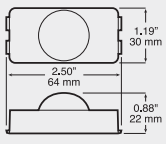
See pages 175–176 for additional mounting options.

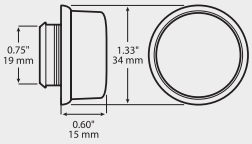
186CTP *LumenX*® Dot XL™ LED
Vehicle System Monitoring Light

1 diode | LumenX | DEFENDER APPROVED | USA MADE | HARD WIRED | MV Multi-Volt 12V & 24V

- White diode with SAE J575e compliant quad-flash strobe function.
- Three-wire connection for test and indicator functions.
- Power-on self test function lights for approx. 10 seconds when power is first applied.
- Strobe light function is activated by monitored circuit. Perfect for tire pressure monitoring systems.
- 9–32 volt operating range.
- Leads terminated with .180 bullets.
- 1 3/8" dia., mounts in 3/4" mounting hole with included grommet.
- Optional brackets for surface mounting available separately.

Order No.	Description	Pack	Std Carton
186CTP-BT3	white w/ .180 bullets	poly pack	6
M186CTP-BT3	white w/ .180 bullets	mfg. pack	50
B186-10	flat bracket	mfg. pack	100
B186-13	curved bracket	mfg. pack	100





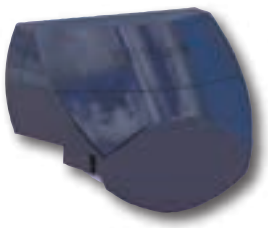
153C LED
Utility & License Light

1 diode | VIZ PACK | DEFENDER APPROVED | HARD WIRED | MV Multi-Volt 12V & 24V | ECE & DOT

- Meets FMVSS 108 and ECE requirements.
- Also suitable for use as compartment or utility light.
- 9-32 volt operating range.
- Fits 150-095, 150-091, 150-14, 150-141, 150-142 and 150-143 brackets (See pages 175–177).
- 153C-P terminated with 2-wire female plug for easy installation.
- 153C-BT2 terminated with .180 bullets.
- M153C-MV-PKD terminated with Packard-style hardshell connector.
- V153KC-MV Viz Pack kit includes light and 150-095 bracket.
- 153C-142 kit includes M153C-MV and B150-142 bracket.
- 153C-JAMP includes an AMP-compatible connector and 12" jacketed lead.

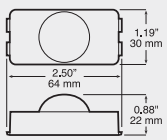
Order No.		Description	Pack	Std Carton
V153KC-MV	KIT	white kit w/ bracket	Viz Pack	6
153C-MV		white	poly pack	6
153C-P		white w/ PL10 plug	poly pack	6
153C-BT2		white w/ .180 bullets	poly pack	6
153C-142	KIT	white kit w/ hooded bracket	poly pack	6
M153C-MV		white	mfg. pack	50
M153C-P		white w/ plug	mfg. pack	50
M153C-BT2		white w/ .180 bullets	mfg. pack	50
M153C-JAMP		w/ jacketed AMP connector	mfg. pack	50
M153C-MV-P		white w/ plug	mfg. pack	50
M153C-MV-PKD		white w/ hardshell connector	mfg. pack	50
150-095		mounting bracket	poly pack	12
B150-095		mounting bracket	mfg. pack	100
B150-142		hooded bracket, black	mfg. pack	50

See pages 175–177 for additional mounting options.



153C-142 kit includes light plus 150-142 hooded bracket.

V153KC-MV kit includes light plus 150-095 bracket

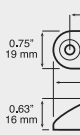


168C Great White® LED
Mini Utility Light

2 diodes | HARD WIRED

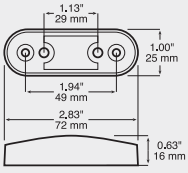
- LED utility, interior, compartment, courtesy or auxiliary light.
- Not for use as legally-required marker or license light.
- Two Great White® LEDs provide brilliant white light.
- 9-16 volt operating range.
- Mounts on 1-15/16" centers
- 168-10K kit includes 168-10 chrome bezel and 168-182 gasket.
- 168-092K kit includes 168-092 chrome bezel and 168-181 gasket.
- Optional bracket allows for mounting on 1-15/16" or 1-1/8" centers.
- Mounting gasket, bracket, or chrome bezel available separately.

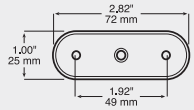
Order No.		Description	Pack	Std Carton
168C		white	poly pack	12
M168C		white	mfg. pack	50
168-09		black bracket	poly pack	12
B168-09		black bracket	mfg. pack	100
168-10K	KIT	chrome bezel w/ gasket	poly pack	12
B168-10		chrome bezel	mfg. pack	100
168-18		mounting gasket	poly pack	12
B168-18		mounting gasket	mfg. pack	100
168-092K	KIT	aluminum bracket w/ gasket	poly pack	12
B168-092		aluminum bracket	mfg. pack	50



168-09

168-18

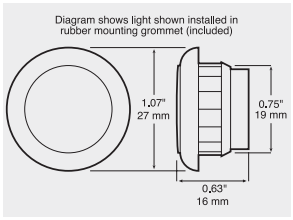




171 LED Great White® LED Dot Light™ 1-Diode Utility Light

1 diode | VIZ PACK | USA MADE | HARD WIRED | MV Multi-Volt 12V & 24V

Actual Size



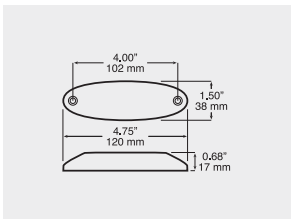
- Fits 3/4" hole.
- Black rubber grommet Included.
- 9-16 volt operating range.
- Stripped, 8" hardwired leads.
- M171C-BT2 terminated with .180 bullets
- M171W-MV-BT2 multi-volt version available.

Order No.		Description	Pack	Std Carton
V171C	KIT	white, stripped leads	Viz Pack	3
171KC	KIT	white, stripped leads	poly pack	6
171KC-BT2	KIT	white w/ .180 bullets	poly pack	6
M171C	KIT	white, stripped leads	mfg. pack	50
M171C-BT2	KIT	white w/ .180 bullets	mfg. pack	50
M171W-MV-BT2	KIT	white w/ .180 bullets, multi-volt	mfg. pack	50

178W Great White® LED Oval Dome & Utility Light

4 diodes | HARD WIRED | MV Multi-Volt 12V & 24V

B178-10 Bezel

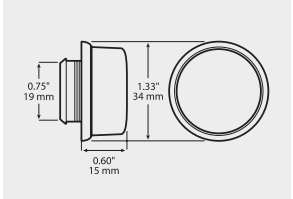


- Can be surface mounted almost anywhere as a courtesy or dome light.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired with separate lead and ground wires.
- Mounts on 4" centers.
- Optional chrome bezel available.

Order No.	Description	Pack	Std Carton
178W-MV	clear	poly pack	12
M178W-MV	clear	mfg. pack	50
178-10	chrome bezel	poly pack	12
B178-10	chrome bezel	mfg. pack	100

186W *LumenX*® Dot XL™ LED Utility Light

1 diode | LumenX | USA MADE | HARD WIRED



- 1-3/8" diameter, single-diode LED utility light.
- Mounts in 3/4" diameter hole.
- Lens is welded to housing to form single rugged unit.
- Hardwired design with two .180 bullet-terminals.
- 9-16 voltage operating range.
- Rubber grommet included.

Order No.	Description	Pack	Std Carton
M186W-BT2	white	mfg. pack	50

UTILITY & AUX

290

TOP MOUNT

290C

SIDE MOUNT

290C-SM

NEW!

BRACKET MOUNT

290B-P

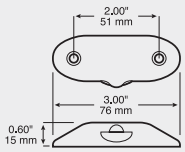
290 Single Diode LED License & Utility Light

1 diode | VIZ PACK | USA MADE | HARD WIRED | MV Multi-Volt 12V & 24V

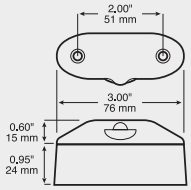
- Surface-mounts on 2" centers.
- Single license light is DOT-compliant when used properly with spacer.
- Available in either 12 volt, or multi-volt ("-MV") for 12V & 24V systems.
- 290C versions have 0.95" spacer for use as top mount license light.
- 290B-P consists of a 290C permanently attached to a polymer license plate bracket.
- 290C-SM versions have 1.60" spacer for use as side mount license light.
- 290 comes without spacer for use as low-profile utility light.

Order No.	Description	Pack	Std Carton
V290	utility light	Viz Pack	6
V290C	license light, top mount	Viz Pack	6
290	utility light	poly pack	12
290B-P	license light w/ poly license plate brkt	poly pack	6
290-BT2	utility light, .180 bullets	poly pack	12
290C	license light, top mount	poly pack	12
290C-AMP	license light, top, AMP plug	poly pack	12
290C-BT2	license light, top, .180 bullets	poly pack	12
290-MV	utility light, multi-volt	poly pack	12
290C-MV	license light, top mount, multi-volt	poly pack	12
290C-SM	license light, side mount	poly pack	12
290C-SM-BT2	license light, side mount, .180 bullets	poly pack	12
M290	utility light	mfg. pack	50
M290-MV	utility light, multi-volt	mfg. pack	50
M290B-P	license light with poly bracket	mfg. pack	24
M290-BT2	utility light, .180 bullets	mfg. pack	50
M290C	license light, top mount	mfg. pack	50
M290C-AMP	license light, top, AMP plug	mfg. pack	50
M290C-BT2	license light, top, .180 bullets	mfg. pack	50
M290C-MFP	license light, top, male/female bullets	mfg. pack	50
M290C-MV	license light, top mount, multi-volt	mfg. pack	50
M290C-SM	license light, side mount	mfg. pack	50
M290C-SM-BT2	license light, side mount, .180 bullets	mfg. pack	50
M290C-SM-PKD	license light, side mount, Packard plug	mfg. pack	50
290-09	spacer bracket, top mount	poly pack	12
290-091	spacer bracket, side mount	poly pack	12

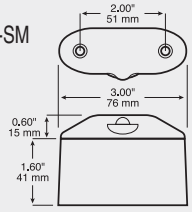
290



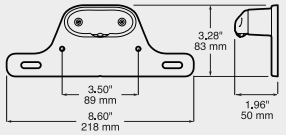
290C



290C-SM



290B-P



203 LED
License Plate / Utility Light

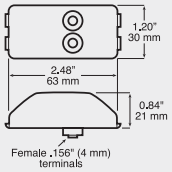
2 diodes | VIZ PACK

- Polycarbonate lens and base are welded together to form a single rugged unit.
- LED version of our popular 150 series light.
- Side of 203C lens painted to meet license illuminator requirements.
- 203W has clear lens for utility use only.
- V203W includes 150-09 mounting bracket, gasket, and two screws.
- Interchangeable with competitive units.
- Requires mounting bracket and plug to complete installation.
- See pages 175–177 for additional mounting options.

Order No.		Description	Pack	Std Carton
V203C		clear/painted license light	Viz Pack	6
V203W	KIT	utility light kit with bracket	Viz Pack	6
203C		clear/painted license light	poly pack	12
203W		utility light	poly pack	12
M203C		clear/painted license light	mfg. pack	50
M203W		utility light	mfg. pack	50
150-09		gray bracket	poly pack	12
150-14		gray license light bracket	poly pack	24
B150-14		gray license light bracket	mfg. pack	100
150-141		black license light bracket	poly pack	24
B150-141		black license light bracket	mfg. pack	100
142-49		plug	poly pack	12
B142-49		plug	mfg. pack	100

150-141
mounting bracket

150-09
mounting bracket

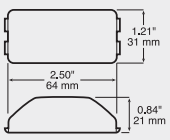


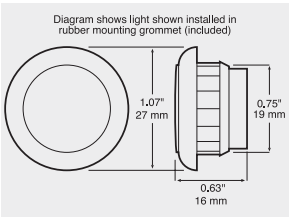
250W Single Diode LED
Utility Light

1 diode | USA MADE | HARD WIRED

- Single-diode LED utility light.
- Lens is welded to housing to form single rugged unit.
- Hardwired design with two .180 bullet-terminals.
- 9-16 voltage operating range.

Order No.	Description	Pack	Std Carton
M250W-BT2	white	mfg. pack	50
150-095	surface mount bracket	poly pack	12
B150-095	surface mount bracket	mfg. pack	100
B150-18	rubber grommet	mfg. pack	100





291C Single Diode LED 3/4" License Light

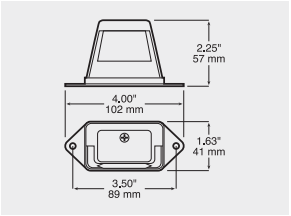
1 diode | USA MADE | DEFENDER APPROVED | HARD WIRED

- Compact single diode design fits 3/4" hole.
- A single light meets DOT requirements when mounted properly above the center of the license plate.
- Features theft deterrent locking ring.
- 9-16 voltage operating range.
- Available with AMP plug or 8" or 36" leads with double .180 bullets.
- Includes mounting grommet.

Order No.		Description	Pack	Std Carton
291KC-BT2	KIT	8" leads w/ .180 bullets	poly pack	6
M291C-AMP	KIT	AMP plug	mfg. pack	100
M291C-BT2	KIT	8" leads w/ .180 bullets	mfg. pack	100
M291C-BT236	KIT	36" leads w/ .180 bullets	mfg. pack	100

296XC

296C

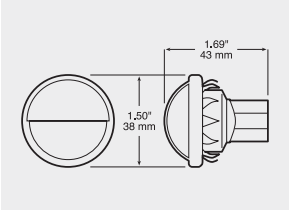


296 LED License Light

2 diodes | VIZ PACK | HARD WIRED

- Durable, low amp draw LED design with hardwired leads & metal base.
- Specially-designed optics for optimal light dispersal.
- A single unit meets DOT requirements when mounted above license plate.
- Requires two lights to meet DOT requirements when mounted to side of license plate.
- "XC" version features attractive chrome finish.

Order No.	Description	Pack	Std Carton
V296XC	chrome	Viz Pack	6
M296C	black	mfg. pack	50
M296XC	chrome	mfg. pack	50
M296C-PKD	black with Packard plug	mfg. pack	50

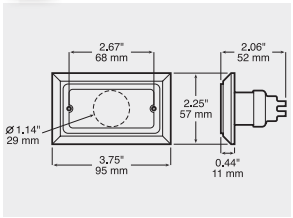


298 LED License & Utility Light

4 diodes | VIZ PACK | HARD WIRED

- Durable, low amp draw LED design with hardwired leads.
- Requires two lights to meet DOT requirements.
- Also suitable for utility courtesy light applications.
- Hardwired leads.
- Durable, attractive chrome finish.

Order No.	Description	Pack	Std Carton
V298C	chrome	Viz Pack	6
298C	chrome	poly pack	12
M298C	chrome	mfg. pack	20
M298C-BT2	chrome w/ .180 bullets	mfg. pack	20

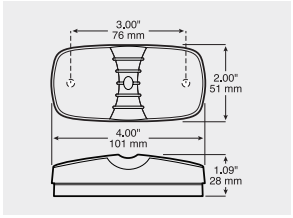


126
Compact Courtesy Light

USA MADE · LONG LIFE BULB

- Rectangular interior, compartment, courtesy, or general illumination utility light with chrome-plated ABS housing.
- Mounts on 2 11/16" centers using lens screws as mounting hardware.
- Twist-in socket assembly contains both lead wire and ground wire for mounting on all surfaces.
- Requires 1 1/4" socket mounting hole for installation.

Order No.	Description	Pack	Std Carton
M126C	clear, chrome	mfg. pack	96
126-25C	replacement lens	poly pack	10
193	replacement bulb		*reference only*

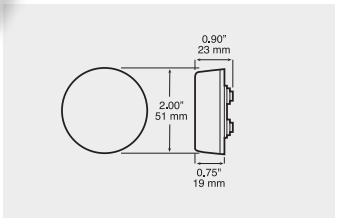


138
Double Bulls-Eye Utility Light

2 bulbs · USA MADE · LONG LIFE BULB

- Popular two-bulb light designed for various utility uses.
- Acrylic lens snaps onto housing.
- Surface mounts on 3" centers.
- Unit has single lead wire for electrical connections and grounds through mounting screws.

Order No.	Description	Pack	Std Carton
M138C	clear	mfg. pack	100
B138-15C	replacement lens	bulk pack	100
193/194	replacement bulb		*reference only*



146 Sealed
2" Utility Light

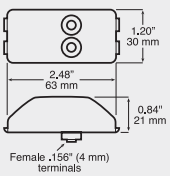
USA MADE · LONG LIFE BULB · MARINE RECOMMENDED

- Popular 2" clear light is perfect as general illumination utility light.
- High impact resistant lens welded to the housing to form single sealed unit.
- Features 15,000-hour-rated long-life bulb.
- Requires grommet and 2-wire plug to complete installation.
- See mounting accessories for additional mounting options.

Order No.	Description	Pack	Std Carton
146C	clear	poly pack	24
M146C	clear	mfg. pack	100
146-18	grommet	poly pack	12
B146-18	grommet	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

150-09 mounting bracket

150-141 mounting bracket



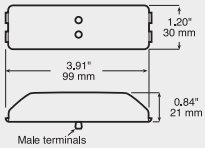
150 Sealed
License Plate / Utility Light

USA MADE · LED Version Available · LONG LIFE BULB · MARINE RECOMMENDED

- Side of 150C lens painted to meet license illuminator requirements.
- 150W has clear lens for utility use only.
- 150KC includes 150C light and 150-14 gray bracket.
- Interchangeable with competitive units.
- Requires mounting bracket and plug to complete installation.
- See pages 175–177 for additional mounting options.
- See 203C/203W LED version on page 106.

Order No.		Description	Pack	Std Carton
V150C		clear/painted	Viz Pack	6
V150W		clear	Viz Pack	6
150C		clear/painted	poly pack	24
150KC	KIT	clear/painted w/ gray bracket	poly pack	6
150W		clear	poly pack	6
M150C		clear/painted	mfg. pack	100
M150W		clear	mfg. pack	100
150-09		gray bracket	poly pack	12
150-14		gray license light bracket	poly pack	24
B150-14		gray license light bracket	mfg. pack	100
150-141		black license light bracket	poly pack	24
B150-141		black license light bracket	mfg. pack	100
142-49		plug	poly pack	12
B142-49		plug	mfg. pack	100

154-09K mounting bracket

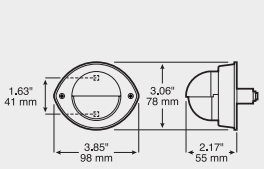


154 Sealed
License Plate / Utility Light

LONG LIFE BULB · MARINE RECOMMENDED

- Polycarbonate lens & housing welded as single unit for maximum protection.
- Same quality features as 150C in two-bulb design.
- Requires mounting bracket and plug to complete installation.
- See page 177 for mounting options.

Order No.	Description	Pack	Std Carton
154C	clear/painted	poly pack	24
M154C	clear/painted	mfg. pack	100

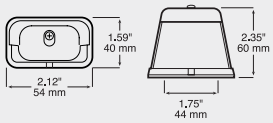


394C
Step Well Utility Light

LED Version Available

- Features chrome-plated brass housing and hood, with glass lens.
- Durable neoprene mounting pad.
- Perfect utility light for bus or RV applications.
- May be mounted vertically or horizontally.
- Includes single lead wire and grounds through mounting screws.

Order No.	Description	Pack	Std Carton
M394C	clear, with hood	mfg. pack	50
1141	21 cp replacement bulb		*reference only*

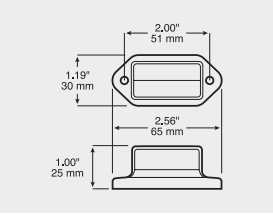


400
License Plate Light

VIBAR USA MADE

- Features our patented Vibar® socket and single lens screw for easy bulb replacement.
- Meets DOT requirements when mounted above license plate.
- Polycarbonate lens and ABS housing provide protection against damage and all internal parts are corrosion-resistant.
- Surface mounts with two screws on 1 3/4" centers.
- Grounds through the mounting screws.

Order No.	Description	Pack	Std Carton
400	clear	poly pack	24
M400	clear	mfg. pack	48
168	replacement bulb		*reference only*

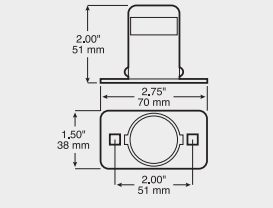


434
Mini Utility/Courtesy Light

VIZ PACK

- Features bright metal housing with hooded shield to prevent upward glare.
- Surface mounts with two stainless-steel screws on 2" centers.
- Separate ground wire for non-metallic surfaces.

Order No.	Description	Pack	Std Carton
V434	clear	Viz Pack	6
M434	clear	mfg. pack	100
193/194	replacement bulb		*reference only*



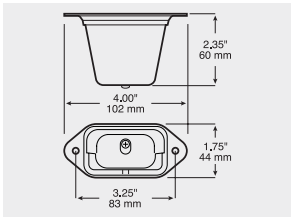
435
Chrome License Plate Light

VIZ PACK

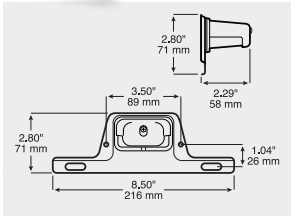
- Features chrome-plated steel housing and mounting bracket.
- Traditional style, bulb-replaceable light surface mounts on 2" centers and grounds through mounting screws.
- Interchangeable with competitive models.
- Meets FMVSS108 requirements when used in pairs. Lights must be mounted 2"–3" above license plate, 6" apart.

Order No.	Description	Pack	Std Carton
V435	clear	Viz Pack	6
435	clear	poly pack	24
M435	clear	mfg. pack	48
67	replacement bulb		*reference only*

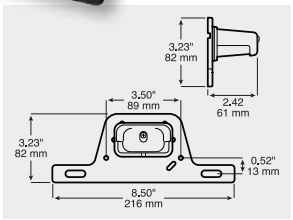
436



436B



436B-P



436
License Plate Light

VIBAR · USA MADE · LED Version Available

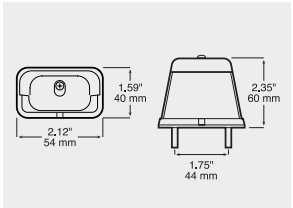
- Features patented Vibar® socket, tough polycarbonate lens, and ABS hood.
- All internal parts are durable stainless-steel or tinned-brass.
- Surface mounts on 3 1/4" centers.
- 436B includes black powder-coated, steel license plate bracket riveted to light.
- 436B-P includes black polypropylene bracket riveted to light; has separate ground wire.
- 436 and 436B ground through mounting hardware.
- See 296 LED version on page 107.

Order No.	Description	Pack	Std Carton
436	clear	poly pack	24
M436	clear	mfg. pack	48
M436B	clear with steel bracket	mfg. pack	24
M436B-P	clear with poly bracket	mfg. pack	24
436-25	replacement lens	poly pack	10
436-01	gray housing	poly pack	24
168	replacement bulb	*reference only*	

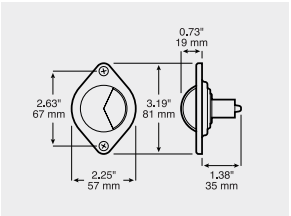
436X Chrome, Stud-Mount
License Plate Light

VIZ PACK · VIBAR · USA MADE

- Features our patented Vibar® socket and single lens screw for easy bulb replacement.
- Chrome-plated version of 436 light with stud mount.
- Ideal as replacement light for foreign car license illuminators or for customizing trucks, vans, and trailers.
- Single lead wire for electrical connection; grounds through mounting bolts.



Order No.	Description	Pack	Std Carton
V436SX	clear	Viz Pack	6
436SX	clear	poly pack	24
436-25	replacement lens	poly pack	10
168	replacement bulb	*reference only*	



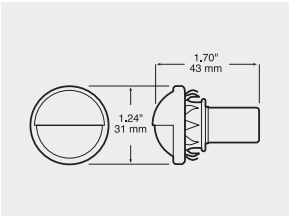
437

Chrome License Plate / Utility Light

VIZ PACK

- Features chrome-plated hood, steel housing, and polycarbonate lens.
- 437 includes single lead wire with molded .156 bullet terminal and grounds through mounting hardware.
- Similar to styling on some GM vehicles.
- Requires 2" mounting hole.
- Two units required for legal license illumination.

Order No.	Description	Pack	Std Carton
V437	clear	Viz Pack	6
M437	clear	mfg. pack	48
67	replacement bulb		*reference only*



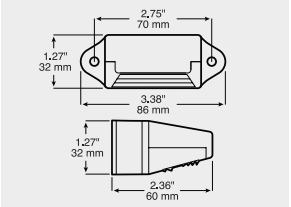
432 Chrome / 438 Sealed Chrome License Plate / Utility Light

VIZ PACK

LED Version Available

- Chrome-plated steel light snaps into 1 1/4" diameter hole (overall diameter is 1 1/2").
- Commonly used to illuminate license plate on step bumpers.
- Two units required for legal license illumination.
- Also serves as perfect interior, compartment, courtesy, or general illumination utility light.
- 438 series is sealed with single 5.5" lead wire.
- 432 series is bulb replaceable with twist-in rubber socket and dual 14" lead wires.
- See 298 LED version on page 107.

Order No.	Description	Pack	Std Carton
V432	clear, bulb replaceable	Viz Pack	6
V438	clear, sealed	Viz Pack	6
438	clear, sealed	poly pack	20
M432	clear, bulb replaceable	mfg. pack	50
M438	clear, sealed	mfg. pack	100
168	replacement bulb		*reference only*



439 Sealed License Plate Light

USA MADE

MARINE RECOM-MENDED

- Popular style sealed, surface mount license light.
- Polycarbonate lens and housing are sonic welded for water-tight seal.
- Mounts on 2 3/4" centers.
- Requires 142-49 plug for electrical connection.

Order No.	Description	Pack	Std Carton
M439	clear	mfg. pack	48
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

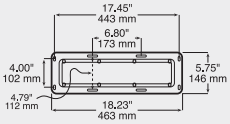
362/363/364 Great White® LED Interior Strip Light

18/36/71 diodes | HARD WIRED

- Fully potted construction, yet very flexible.
- Installs easily with super-strong "press-in-place" adhesive backing.
- Available in 12", 24" & 47" lengths.
- "-2" versions have leads on both ends for daisy-chaining to 16' max.
- 9-16 voltage operating range.
- Perfect for aisle lighting and use in service bodies.
- Each manufacturer pack contains ten (10) strips per inner bag *except* M362-1-BT2, M364-1, M364-1-BT2 and M364-1PKD.
- Poly pack contains one strip per bag.

Order No.	Description	Pack	Std Carton
362-1	12" single lead wire	poly pack	10
362-2	12" lead wires on both ends	poly pack	10
363-1	24" single lead wire	poly pack	10
363-2	24" lead wires on both ends	poly pack	10
M362-1	12" single lead wire	mfg. pack	10
M362-1-BT2	12" single lead wire, .180 bullets	mfg. pack	100
M362-2	12" lead wires on both ends	mfg. pack	10
M362-2-BT2	12" leads both ends, .180 bullets	mfg. pack	100
M363-1	24" single lead wire	mfg. pack	10
M363-1-BT2	24" single lead, .180 bullets	mfg. pack	10
M363-1PKD	24" single lead, Packard plug	mfg. pack	10
M363-2	24" lead wires on both ends	mfg. pack	10
M363-2-BT2	24" leads both ends, .180 bullets	mfg. pack	100
M364-1	47" single lead wire	mfg. pack	6
M364-1-BT2	47" single lead, .180 bullets	mfg. pack	100
M364-1PKD	47" single lead, Packard plug	mfg. pack	100

360 Great White® LED Rectangular Dome Light

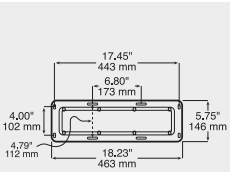


10 diodes | HARD WIRED | MV Multi-Volt 12V & 24V

- LED dome and interior light is perfect for dry van trailer applications.
- Mounts flush; thin design extends only 0.86" below mounting surface.
- 9-32 volt operating range.
- Fully potted circuit board.
- Available with polycarbonate or aluminum housing.
- Hard-wired with dual 8" long, 14 ga. stripped leads.
- Operating temperature –40 to +122 F (–40 to +50 C).

Order No.	Description	Pack	Std Carton
M360-1	polycarbonate, stripped leads	mfg. pack	1
M360	aluminum housing, stripped	mfg. pack	10
M360-BT2	aluminum, .180 bullets	mfg. pack	10

365 Great White® LED Motion Sensing Dome Light



10 diodes | HARD WIRED | MV Multi-Volt 12V & 24V

- LED dome and interior light.
- Built-in motion sensor automatically activates light.
- Light stays illuminated for approx. 5 minutes unless new motion occurs.
- Mounts flush, thin design extends only 0.86" below mounting surface.
- 9-32 voltage operating range.
- Rugged aluminum housing and potted circuit board.
- Hardwired with dual 8.5" long, 14 gauge stripped leads or .180 bullet terminals.

Order No.	Description	Pack	Std Carton
M365	white, stripped leads	mfg. pack	10
M365-BT2	white, .180 bullets	mfg. pack	10

300 to 1,000 Lumens

PATENTED

Scan with smartphone to learn more!

SEALED
Suitable for exterior use

Optimized profile and flat mounting tabs on both ends easily screw-mount to flat surfaces.

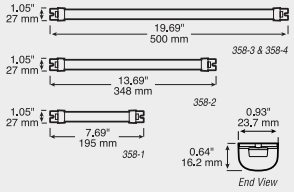
See page 215 to learn more about our 5600 series timer switch – the perfect companion to our LED interior lights!

358 Great White® LED Dome/Interior Light

4/6/12 diodes | USA MADE | HARD WIRED | MV Multi-Volt 12V & 24V

- Available in 6", 12" and 18" lengths.
- Easy and versatile surface screw mounting; ideal for center ceiling mount in step vans and service bodies.
- Multi-volt design is compatible with both 12V and 24V systems.
- Available with either stripped leads or terminated with .180 bullets.
- Integral, IP68-rated molded seal resists dust, moisture and vapors.
- Optional timer switch available separately.
- The 18-inch version is available with wires at both ends for daisy-chaining multiple lights together.
- Optional timer switch available separately; see page 215.

Order No.	Description	Lumens	Pack	Std Carton
358-1	6" long, stripped leads	300	poly pack	12
358-2	12" long, stripped leads	500	poly pack	12
358-3	18" long, stripped leads	1000	poly pack	12
M358-1	6" long, stripped leads	300	mfg. pack	50
M358-1-BT2	6" long, .180 bullets	300	mfg. pack	50
M358-2	12" long, stripped leads	500	mfg. pack	50
M358-2-BT2	12" long, .180 bullets	500	mfg. pack	50
M358-3	18" long, stripped leads	1000	mfg. pack	50
M358-3-BT2	18" long, .180 bullets	1000	mfg. pack	50
M358-4	18" long, dual-end stripped leads	1000	mfg. pack	50
M358-4-BT2	18" long, dual-end .180 bullets	1000	mfg. pack	50



300 to 1,000 Lumens

PATENTED

Scan with smartphone to learn more!

SEALED
Suitable for exterior use

Mounts easily to horizontal or vertical surfaces, or fits in corners using either screws or available snap-in channel clip (sold separately).

See page 215 to learn more about our 5600 series timer switch – the perfect companion to our LED interior lights!

359 Great White® LED Dome/Interior Light

4/6/12 diodes | USA MADE | HARD WIRED | MV Multi-Volt 12V & 24V

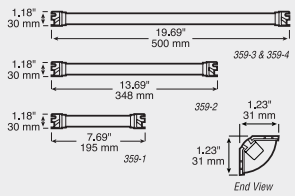
- Available in 6", 12" and 18" lengths.
- More effective light distribution than recessed dome lights.
- No mounting pan needed, so the R-value of insulated cargo areas is not reduced.
- Easy and versatile surface screw mounting on any vertical or horizontal surface.
- Multi-volt design is compatible with both 12V and 24V systems.
- Available with either stripped leads or terminated with .180 bullets.
- Integral, IP68-rated molded seal resists dust, moisture and vapors.
- Accessory cove molding facilitates easy wiring for retrofits.
- Optional timer switch available separately; see page 215.

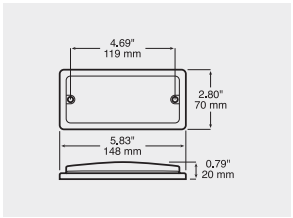
Order No.	Description	Lumens	Pack	Std Carton
359-1	6" long, stripped leads	300	poly pack	12
359-2	12" long, stripped leads	500	poly pack	12
359-3	18" long, stripped leads	1000	poly pack	12
M359-1	6" long, stripped leads	300	mfg. pack	50
M359-1-BT2	6" long, .180 bullets	300	mfg. pack	50
M359-2	12" long, stripped leads	500	mfg. pack	50
M359-2-BT2	12" long, .180 bullets	500	mfg. pack	50
M359-3	18" long, stripped leads	1000	mfg. pack	50
M359-3-BT2	18" long, .180 bullets	1000	mfg. pack	50
M359-4	18" long, dual-end stripped leads	1000	mfg. pack	50
M359-4-BT2	18" long, dual-end .180 bullets	1000	mfg. pack	50
B359-10	snap-in channel clip		mfg. pack	100

The 18-inch version is available with wires at both ends for daisy-chaining multiple lights together.

Engineering tests illustrate how ineffectively the traditional arrangement of recessed ceiling dome lights illuminate this 53' insulated reefer trailer.

The same trailer with our new 359-3 lights installed is much more efficiently lit, despite lower costs up front and over the life of the trailer.



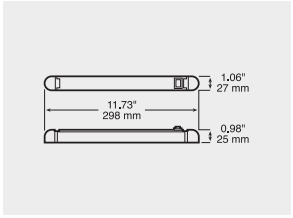


368 Great White® LED Dome/Interior Light

9 diodes | VIZ PACK | USA MADE | MV Multi-Volt 12V & 24V

- 5.8" x 2.8" rectangular LED dome and interior light.
- White plastic housing and clear lens.
- Separate lead and ground wires included.
- Available with stripped leads.
- Mounts on 4-11/16" (119 mm) centers.
- For interior use only.
- 9–32 voltage operating range.
- Replaces V366 series.

Order No.	Description	Pack	Std Carton
V368	white, stripped leads	Viz Pack	6
368	white, stripped leads	poly pack	12
M368	white, stripped leads	mfg. pack	50

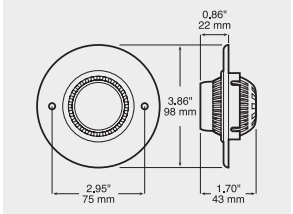


369 Great White® LED Rotating Interior Light w/ Switch

24 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V

- 12" interior swivel rail light.
- Equipped with on-off switch.
- White plastic housing & clear lens.
- Hardwired with separate lead and ground wire.
- For interior use only.
- 10–30 voltage operating range.

Order No.	Description	Pack	Std Carton
V369S	white	Viz Pack	4



370 Great White® LED Interior Swivel Light

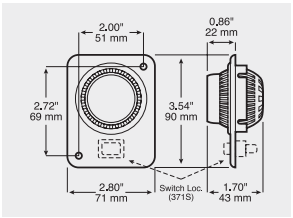
1 diode | HARD WIRED | MV Multi-Volt 12V & 24V

- Long-life LED design.
- Swivels to direct beam where needed.
- Low-glare reflector housing.
- Polished metal base.
- 10–30 volt operating range.
- Hardwired with Tyco Mate-N-Lok connector.

Order No.	Description	Pack	Std Carton
M370	round	mfg. pack	50

371S

371

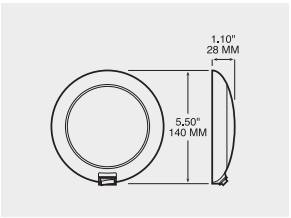


371 Great White® LED Interior Swivel Light

1 diode | HARD WIRED | MV Multi-Volt 12V & 24V

- Long-life LED design.
- Swivels to direct beam where needed.
- Low-glare reflector housing.
- Brushed-finish metal base.
- 10–30 volt operating range.
- Available with or without on/off switch.
- Includes TE Mate-N-Lok connector, #1-480699-0.

Order No.	Description	Pack	Std Carton
M371	rectangular base	mfg. pack	50
M371S	rectangular w/ switch	mfg. pack	50

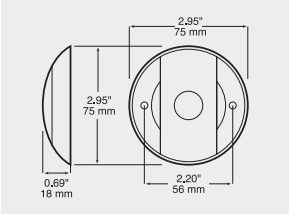


379 Great White® LED Dome/Interior Light w/ Switch

30 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V

- 5.5" diameter round dome light.
- Equipped with on-off switch.
- White plastic housing & clear lens.
- Lens removes for mounting.
- For interior use only.
- 10–30 volt operating range.

Order No.	Description	Pack	Std Carton
V379S	white	Viz Pack	4

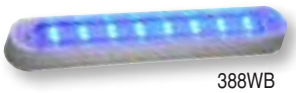


381 Great White® LED Dome/Interior Light

14 diodes | VIZ PACK | HARD WIRED

- Round dome light with black or chrome bezel
- General illumination for interior applications
- 9–16 volt operating range
- Two hardwired leads

Order No.	Description	Pack	Std Carton
V381X	chrome	Viz Pack	6
M381	black	mfg. pack	50
M381X	chrome	mfg. pack	50

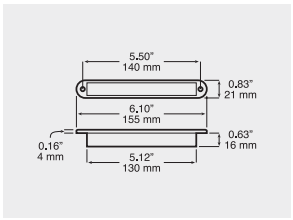


388WB

80 Lumens

388C

Comes with custom surface-mount bracket, or can be flush-mounted without bracket



Optional B388-09X chrome bracket

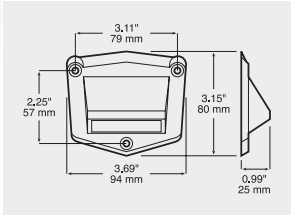
388C Great White® LED Int/Ext Aisle & Utility Light

16 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V

- Includes bracket for surface mounting, or can be recess-mounted.
- 388C features Great White® diodes and black bracket.
- 388WB features blue diodes and white bracket; great for marine use!
- Optional chrome accessory bracket available.
- Recessed or surface mount LED strip light.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Low amp draw.
- Perfect for aisle lighting.

Order No.	Description	Pack	Std Carton
V388C	white w/ black bracket	Viz Pack	6
V388WB	blue w/white bracket	Viz Pack	6
388C	white w/ black bracket	poly pack	12
388WB	blue w/white bracket	poly pack	12
M388C	white w/ black bracket	mfg. pack	10
M388WB	blue w/white bracket	mfg. pack	10
388-09X	chrome bracket	poly pack	12
B388-09X	chrome bracket	mfg. pack	50

130 Lumens



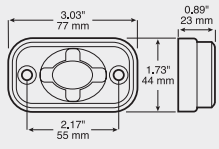
397 LED Step Well Courtesy Light

3 diodes | USA MADE | HARD WIRED | MV Multi-Volt 12V & 24V

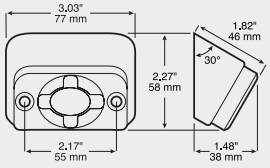
- Low profile, hardwired design meets ADA requirements for step well lighting.
- Perfect for transit, bus & RV use.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Sealed circuit board with two hardwired leads.
- Includes mounting gasket, 3 mounting screws and 3 matching screw covers.

Order No.	Description	Pack	Std Carton
397C	black, stripped leads	poly pack	12
M397C	black, stripped leads	mfg. pack	50

500 Lumens



398-BT2



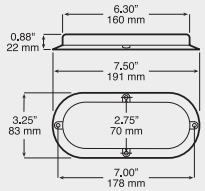
399-BT2

398/399 Great White® LED 3" x 1.75" Rectangular Work Light

3 diodes | HARD WIRED | MV Multi-Volt 12V & 24V

- White diodes behind clear lens.
- Cast alloy housing.
- Two mounting bases; flat/perpendicular (398) or angled (399)
- Wide even flood pattern with 500 lumen output.
- Two 20" jacketed lead wires terminated with .180 bullet connectors
- 10–30 volt operating range
- -22° F–120° F operating temperature range
- Includes rubber mounting base
- IP67/IP69K ingress protection rating
- Draws 0.39 amps @ 12V, 0.20 amps @ 24V

Order No.	Description	Pack	Std Carton
398-BT2	white flood pattern, flat base	poly pack	6
M398-BT2	white flood pattern, flat base	mfg. pack	60
M399-BT2	white flood, wedge base	mfg. pack	60

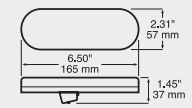


423W-4 Great White® LED Int/Ext Dome& Utility Light

10 diodes | HARD WIRED | MV Multi-Volt 12V & 24V

- Features 10 bright Great White® diodes behind clear lens.
- Sealed lens and housing.
- 9–32 volt operating range works with both 12V and 24V systems.
- Hardwired design.
- Easy surface mounting.
- Attractive accessory chrome bezel available.

Order No.	Description	Pack	Std Carton
423W-4	white	poly pack	6
M423W-4	white	mfg. pack	50
423-11	chrome bezel	poly pack	12
B423-11	chrome bezel	mfg. pack	50

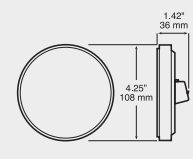


870W *LumenX*® LED Oval Touch-On, Touch-Off Interior/Dome Light

10 diodes | LumenX | USA MADE | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Turns on and off with a simple touch of the lens surface.
- 400 lumen max output.
- Lens is welded to housing to form single unit.
- 9–32 volt operating range is compatible with 12V and 24V systems.
- Mounts in grommet or surface-mount bracket.
- Surface-mount bracket available in chrome or black finish.

Order No.	Description	Lumens	Pack	Std Carton
870W	oval, stripped leads	400	poly pack	6
M870W	oval, stripped leads	400	mfg. pack	50
M870W-BT2	oval, .180 bullets	400	mfg. pack	50
820-09	black oval bracket		poly pack	12
820-10	chrome oval bracket		poly pack	12
421-18	oval grommet		poly pack	12

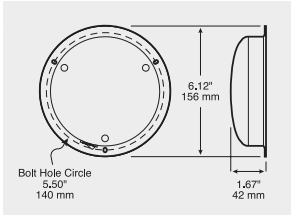


872W *LumenX*® LED Touch-On, Touch-Off Interior/Dome Light

9 diodes | LumenX | USA MADE | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Turns on and off with a simple touch of the lens surface.
- 400 lumen max output.
- Lens is welded to housing to form single unit.
- 9–32 volt operating range is compatible with 12V and 24V systems.
- Mounts in grommet or surface-mount bracket.
- Surface-mount bracket available in chrome or black finish.

Order No.	Description	Lumens	Pack	Std Carton
872W	round, stripped leads	400	poly pack	6
M872W	round, stripped leads	400	mfg. pack	50
M872W-BT2	round, .180 bullets	400	mfg. pack	50
817-09	black round bracket		poly pack	12
817-10	chrome round bracket		poly pack	12
426-18	round grommet		poly pack	12

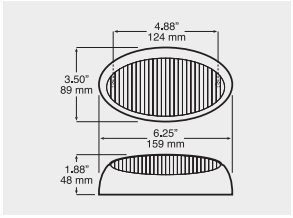


380
Interior Dome / Utility Light

- Surface-mount light perfect for dome or utility light applications.
- On/off rocker switch.
- White powder-coated metal housing.
- Polycarbonate lens is secured with three screws for easy bulb replacement.
- Includes two wires: .156 male bullet and .156 female plug.

Order No.	Description	Pack	Std Carton
M380S	white light w/ switch	mfg. pack	50
380-25C	clear repl. lens	poly pack	10
1141	replacement bulb		*reference only*

Viz Pack includes extra amber lens.



382
Euro-Style Oval Porch/Utility Light With Switch

VIZ PACK

- Includes rocker on/off switch.
- 382 features two 5.5" lead wires.
- Viz Pack includes both clear and amber lenses.
- Polycarbonate lens is secured with three screws.
- CSA approved.
- Plastic base for corrosion-free service.

Order No.	Description	Pack	Std Carton
V382S	amber/clear w/ switch	Viz Pack	6
M382C	clear w/ switch	mfg. pack	50
383-25C	clear repl. lens	poly pack	10
383-25A	amber repl. lens	poly pack	10
1141	replacement bulb		*reference only*

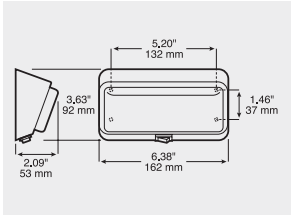
384	385
Polar White	Colonial White

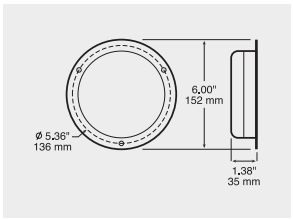
384 / 385
Rectangular Porch / Utility Lights

VIZ PACK

- Surface mount porch or utility light available with or without switch.
- Snap-in lens allows for easy bulb replacement.
- Contains separate ground wire.
- Viz Packs include both clear and amber lenses.
- 384 series has polar white base.
- 385 series has colonial white base.

Order No.	Description	Pack	Std Carton
V384	polar white kit w/o switch	Viz Pack	6
V384S	polar white kit w/ switch	Viz Pack	6
V385S	colonial white kit w/ switch	Viz Pack	6
M385S	colonial w/ switch, clear lens	mfg. pack	50
384-15A	amber repl. lens	poly pack	10
384-15C	clear repl. lens	poly pack	10
93	replacement bulb		*reference only*

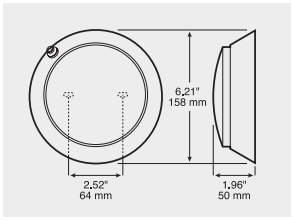




389
Dome Light

- Durable 12-volt interior dome light with switch.
- For bright general illumination.
- Plastic translucent lens snaps securely onto base.
- Aluminum base for corrosion-free service.
- Surface mounts with single lead wire for electrical connection.
- Grounds through mounting screw.

Order No.	Description	Pack	Std Carton
389S	aluminum	poly pack	12
M389S	aluminum	mfg. pack	48
389-15C	replacement lens	poly pack	10
1141	replacement bulb		*reference only*

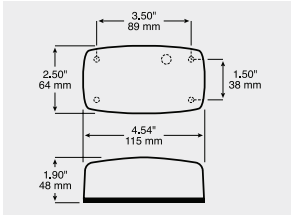


390
Dome Light

VIZ PACK

- Durable 12-volt interior dome light with switch.
- For bright general illumination.
- Plastic translucent lens snaps securely onto base.
- Plastic base for corrosion-free service.
- Surface mounts and grounds through base.
- Single lead wire supplied for electrical connection.

Order No.	Description	Pack	Std Carton
V390S	plastic	Viz Pack	6
M390S	plastic	mfg. pack	48
1141	replacement bulb		*reference only*

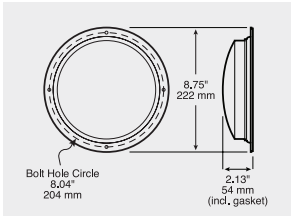


391
Interior Light

VIZ PACK

- Polycarbonate 12-volt interior dome light with nylon switch.
- For bright general illumination.
- Metal base surface mounts with screws on 3 1/2" centers.
- Separate ground and lead wires supplied for electrical connection.

Order No.	Description	Pack	Std Carton
V391C	clear	Viz Pack	3
M391	clear	mfg. pack	48
391-25	replacement lens	mfg. pack	10
1141	replacement bulb		*reference only*



395
Dome/Utility Light

- Interior or exterior, surface-mount, clear RV utility light.
- Stainless-steel housing and gasketed acrylic lens.
- Weather-resistant mounting gasket.
- CSA Approved.
- Separate 5.75" lead and ground wires for electrical connection.

Order No.	Description	Pack	Std Carton
M395C	clear	mfg. pack	25
700-15C	replacement lens	poly pack	10
1156	replacement bulb		*reference only*

701-491
anti-flicker harness

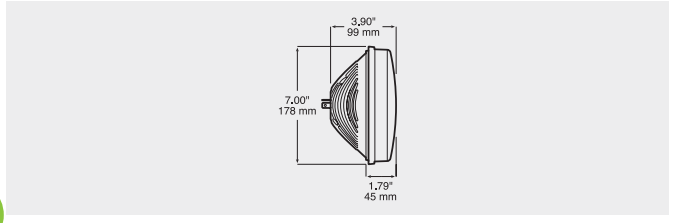
701C Great White® LED 7" PAR 56 Headlight

LED · VIZ PACK · USA MADE · MV Multi-Volt 12V & 24V · REG Voltage Regulated

- 1100/1650 lumen output (low/high beam).
- Wider, more even pattern than halogen bulbs.
- Designed to last many times longer than a traditional sealed beam.
- Multivolt design is compatible with both 12V and 24V systems.
- Low power consumption — draws only 0.7–1.9 amps.
- DOT-legal; exceeds FMVSS-108 and CMVSS-108 requirements.
- Meets applicable SAE standards.
- Drop-in LED replacement for all PAR56 7-inch standard headlights, including popular H6014, H5024 and H6024 halogen sealed beams.
- 5400k~6400k color temperature closely matches natural daylight.
- UV- and impact-resistant, hard-coated polycarbonate lens
- Standard H4 3-blade terminals integrated directly into the heavy-duty cast alloy rear housing.
- Requires 701-491 anti-flicker harness for use on CANBUS-equipped vehicles, including '07 and newer Jeep Wrangler.
- Does not function as a daytime running light (DRL).
- V701KC-2 Kit includes two 701C headlights & two 701-491 anti-flicker harnesses.
- See ECE version on page 158 for markets with left-hand traffic.
- IP66 ingress rating.

Order No.		Description	Pack	Std Carton
V701C		LED 7" PAR56 repl.	Retail Box	1
V701KC-2	KIT	LED 7" PAR56 Twin Pack	Viz Pack Box	2*
701C		DOT-compliant	box	1
M701C		DOT-compliant	mfg. pack	4
701-491		anti-flicker harness	poly pack	1

Two kits of two lights each per master carton



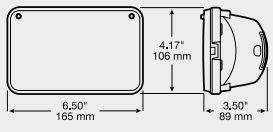
702C/703C Great White® LED Rectangular Quad Headlights

LED · HARD WIRED · MV Multi-Volt 12V & 24V · REG Voltage Regulated

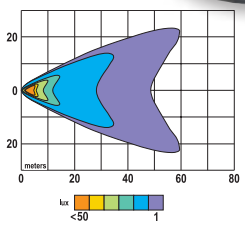
- 702C is an SAE Type 2A1 low beam w/ 4-diode, single-chip assembly.
- 703C is an SAE Type 1A1 high beam w/ 6 diodes.
- Greater vibration & shock resistance for longest available service life.
- Multivolt design is compatible with both 12V and 24V systems.
- Heavy-duty polycarbonate/cast alloy housing.
- UV & impact resistant, hard-coated polycarbonate lens.
- Vacuum metallized reflector.
- 800 (702C) & 1000 (703C) source lumens.
- Low power draw: 10.25 watts (702C) & 17 watts (703C).
- DOT-legal; exceeds FMVSS-108 and CMVSS-108 requirements.
- 5200k ~6000k (702C) & 5200k ~6300k (703C) color temperature.
- 3.5", 18 gauge, hardwired leads terminated w/ standard H4 terminals.
- IP66 ingress rating.

Order No.	Description	Pack	Std Carton
V702C	4"x6" low beam	Retail Box	2
V703C	4"x6" high beam	Retail Box	2
702C	4"x6" low beam	box	1
703C	4"x6" high beam	box	1

**Physical configuration and electrical compatibility does not guarantee legal compliance in OE or retrofit applications. Refer to vehicle manufacturers' specifications and government and SAE documentation regarding headlight requirements and aiming standards. The 702C low-beam function headlight is designed only for use as part of a four-lamp integrated system of the type shown above.It is not designed or sold as a replacement for a dual function (high/low beam) headlight. Federal law requires that horizontal adjustment be disabled for the 702C.*



LED HEADLIGHTS

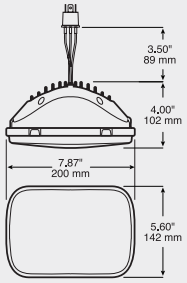


705C Great White® LED Rectangular Headlight

LED · HARD WIRED · MV Multi-Volt 12V & 24V · REG Voltage Regulated

- SAE Type 2B1 lamp (one rectangular high-low beam lamp per side)
- 800 / 1600 lumen output (low / high beam).
- Wider, more even pattern than halogen bulbs.
- Designed to last many times longer than a traditional sealed beam.
- Multivolt design is compatible with both 12V and 24V systems.
- Low power consumption — draws only 0.51–2.23 amps.
- DOT-legal; exceeds FMVSS-108 and CMVSS-108 requirements.
- Meets applicable SAE standards.
- 5200k ~ 6000k color temperature.
- Heavy-duty black polycarbonate/cast alloy housing.
- UV- and impact-resistant, hard-coated polycarbonate lens.
- -30° C to 50° C (-22° F to 122° F) operating temperature range.
- Hardwired w/ standard H4 3-blade connector.
- IP67 ingress rating.

Order No.	Description	Pack	Std Carton
V705C	5"x7" high & low beam	Retail Box	2
705C	5"x7" high & low beam	box	1

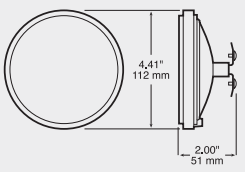


711 Great White® LED PAR 36 LED Replacement Beam

6 diodes · VIZ PACK · MV Multi-Volt 12V & 24V

- High-output Great White® diodes for a bright general illumination.
- Fits all standard Par 36 incandescent sealed beam applications.
- Impact-resistant polycarbonate lens.
- Cast aluminum body with matte black finish.
- Compatible with both 12 and 24-volt systems.
- Self-service visual packaging.
- See pedestal-mount 908S version on page 127.

Order No.	Description	Pack	Std Carton
V711	round	Viz-Pack	6
711	round	mfg. pack	20

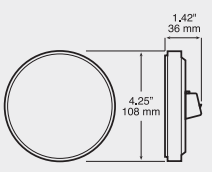


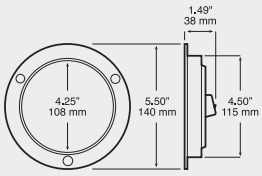
817-9 LumenX® LED 4" Round Work Light

9 diodes | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- New white diodes behind clear lens.
- Available in 450 lumen & 800 lumen versions.
- Advanced optics fully illuminate lens.
- Flood pattern for broad illumination.
- Also suitable for dome or utility light.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Skirted weld joint provides added protection against road and weather conditions.
- 817 series has 9–32 volt operating range. 800 series is compatible with 12 volt systems only.
- 800 series draws 0.65A @ 14V.
- 817/818 series draws 0.29A @ 12V, 0.22A @ 24V.
- M800W-9 & M817W-9 require grommet or surface-mount bracket.
- M800WF-9 M818W-9 are equipped with integral mounting flange.

Order No.	Description	Pack	Std Carton
800W-9	grommet mnt, 800 lumen, 12V	poly pack	6
800WF-9	flange mnt, 800 lumen, 12V	poly pack	6
817W-9	grommet mnt, 450 lumen, MV	poly pack	6
818W-9	flange mount, 450 lumen, MV	poly pack	6
M800W-9	grommet mnt, 800 lumen, 12V	mfg. pack	50
M800WF-9	flange mnt, 800 lumen, 12V	mfg. pack	50
M817W-9	grommet mnt, 450 lumen, MV	mfg. pack	50
M818W-9	flange mount, 450 lumen, MV	mfg. pack	50
417-1	surface mount bracket	mfg. pack	40
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-48	hardshell plug	poly pack	6
B417-48	hardshell plug	mfg. pack	100
817-48	molded plug	poly pack	12
B817-48	molded plug	mfg. pack	100



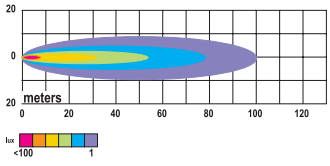


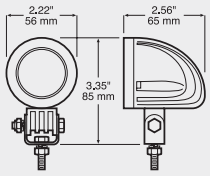
901 Great White® LED 2" Round Mini Work Light

1 diode | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- High-output single white diode for a bright, narrow spot beam pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24-volt systems.
- 9–48 VDC operating range.
- Reverse voltage protection.
- Draws 1.3A @ 12V, 0.65 @ 24V.
- 2-Conductor black PVC jacketed harness 20 GA GPT.
- IP68 rated.
- Stainless steel mounting hardware.
- EMC certified.

Order No.	Description	Pack	Std Carton
V901-MV	round	Viz-Pack	4
901-MV	round	box	1



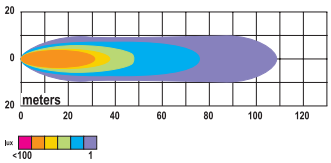


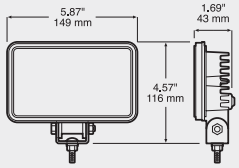
903 Great White® LED
3" x 5" Rectangular Work Light

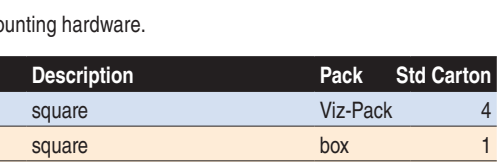
8 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | COMMERCIAL GRADE

- Bright, even flood pattern.
- Extra-rugged, commercial-grade construction.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24-volt systems.
- 9–32 VDC operating range.
- Reverse voltage protection.
- Draws 2.65A @ 12V, 1.0A @ 24V.
- 2-Conductor black PVC jacketed harness.
- IP67 rated.
- Stainless steel mounting hardware.
- Certified to ECE Reg 10.

Order No.	Description	Pack	Std Carton
903-MV	rectangular, stripped leads	box	1
903-MV-PKD	rectangular, hardshell connector	box	1





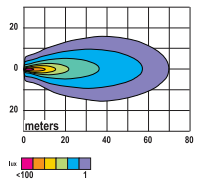


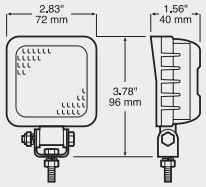
904 Great White® LED
3" x 3" Square Work Light

4 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Bright, even flood pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24-volt systems.
- 9–36 VDC operating range.
- Reverse voltage protection.
- Draws 0.98A @ 12V, 0.43A @ 24V.
- 2-Conductor black PVC jacketed harness 20 GA GPT.
- Operating temperature: -40° – +65° C.
- Color temperature: 6300k.
- Certified to ECE Reg 10.
- IP67 rated.
- Stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
V904-MV	square	Viz-Pack	4
904-MV	square	box	1
904-MV-BT2	square, .180 bullets	box	1





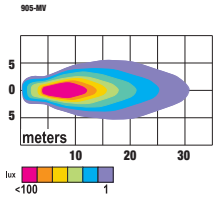
Available with integrated AMP-compatible receptacle on rear

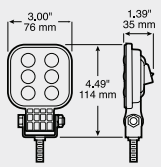
905 LED
3" x 3" Pedestal-Mount Work Light

6 diodes | VIZ PACK | HARD WIRED | USA MADE | MV Multi-Volt 12V & 24V

- Low profile, light-weight design is just 1.39" thin.
- Optimized work light beam pattern for even general area illumination.
- Reinforced mounting insert and stainless steel mounting hardware.
- Rugged textured polymer housing and lens.
- High vibration resistance and low amp draw.
- Stainless steel mounting hardware.
- 9-32 volt operating range.
- IP67 ingress rating
- Draws 0.40 amps @12V, 0.21 amps @24V.
- 905-MV has two hardwired, stripped leads.
- M905-MV-AMP has integrated AMP-compatible receptacle built into rear housing.
- M905-MV-BT2 has two hardwired leads with .180 bullet connectors.

Order No.	Description	Pack	Std Carton
V905-MV	stripped leads	Viz Pack	3
905-MV	stripped leads	poly pack	6
M905-MV	stripped leads	mfg. pack	60
M905-MV-AMP	AMP-compatible receptacle	mfg. pack	60
M905-MV-BT2	.180 bullets	mfg. pack	60





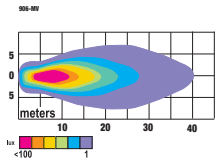
Available with integrated AMP-compatible receptacle on rear

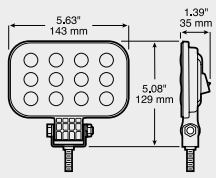
906 LED
3" x 5" Pedestal-Mount Work Light

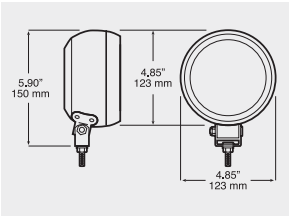
12 diodes | VIZ PACK | HARD WIRED | USA MADE | MV Multi-Volt 12V & 24V

- Low profile, light-weight design is just 1.39" thin.
- Optimized work light beam pattern for even general area illumination.
- Reinforced mounting insert and stainless steel mounting hardware.
- Rugged textured polymer housing and lens.
- High vibration resistance and low amp draw.
- Stainless steel mounting hardware.
- 9-32 volt operating range.
- IP67 ingress rating
- Draws 0.81 amps @12V, 0.41 amps @24V.
- 906-MV has two hardwired, stripped leads.
- M906-MV-AMP has integrated AMP-compatible receptacle built into rear housing.
- M906-MV-BT2 has two hardwired leads with .180 bullet connectors.

Order No.	Description	Pack	Std Carton
V906-MV	stripped leads	Viz Pack	3
906-MV	stripped leads	poly pack	6
M906-MV	stripped leads	mfg. pack	50
M906-MV-AMP	AMP-compatible receptacle	mfg. pack	50
M906-MV-BT2	.180 bullets	mfg. pack	50





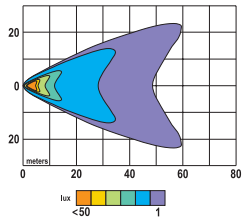


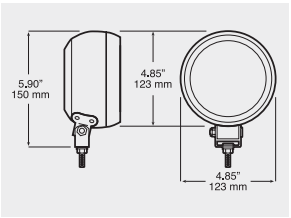
907/908 LumenX® LED 4" Round Work Light

9 diodes · VIZ PACK · LumenX · USA MADE · MV Multi-Volt 12V & 24V

- Extremely even, flood pattern for broad illumination.
- Also suitable for use as a utility light.
- Sealed LED work light installed in rubber housing with lead wires.
- Available in multi-volt and 12 volt version.
- 908 draws 0.65A @ 14V.
- 907-MV draws 0.29A @ 12V, 0.22A @ 24V.

Order No.	Description	Pack	Std Carton
V908	800 lumen, 12V	Viz Pack	6
907	450 lumen, multi-volt	poly pack	6
M907-MV	450 lumen, multi-volt	mfg. pack	24
M908	800 lumen, 12V	mfg. pack	24





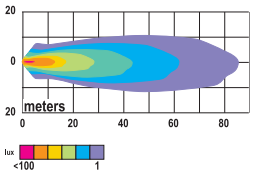
908S Great White® LED 4" Round Work Light

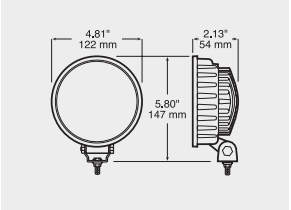
6 diodes · MV Multi-Volt 12V & 24V

Weatherproof, push-on/ push-off switch

- High-output Great White® diodes for a bright general illumination.
- Convenient on-off switch located on rear of housing.
- Uses 711 LED sealed beam installed in rubber housing.
- Two lead wires terminated with .180 bullets.
- Multi-volt design is compatible with both 12-volt and 24-volt systems.
- Draws 1.45A @ 12V, 0.72A @ 24V.

Order No.	Description	Pack	Std Carton
M908S-MV-BT2	900 lumen, multi-volt, with switch	mfg. pack	24





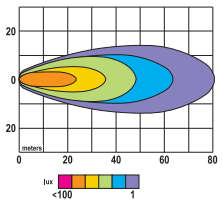
911 Great White® LED Pedestal-Mount Work Light

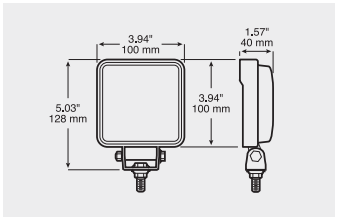
6 diodes · HARD WIRED · MV Multi-Volt 12V & 24V · REG Voltage Regulated · COMMERCIAL GRADE

- High-output Great White® diodes for a bright, even, round pattern.
- Extra-rugged, commercial-grade construction.
- Cast aluminum body with heat-dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- 9–32 volt operating range.
- Draws 1.65A @ 12.8V, 0.78A @ 28V.
- Comes complete with stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
911-MV	round	box	1
911-MV-PKD	w/ hardshell connector	box	1
911-MV-BT2	w/ .180 bullets	box	1

Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com



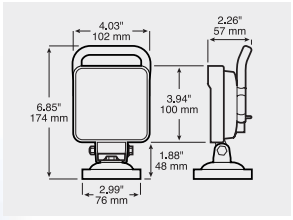


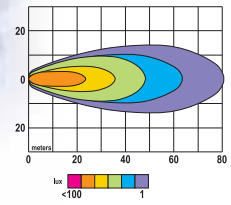
910 Great White® LED Pedestal-Mount Work Light

9 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- High-output Great White® diodes for a bright, even, flood pattern.
- Die-cast aluminum body with heat-dissipating fins for durability & longevity.
- High vibration resistance.
- 10–30 volt operating range.
- Draws 1.2A @ 13.5V, 0.59A @ 28V.
- Operating temperature: -40° – +65° C.
- Comes complete with stainless steel mounting hardware.
- IP67 / IP69K Rated.
- RoHS compliant.
- Certified to ECE Reg 10.

Order No.	Description	Pack	Std Carton
V910-MV	stripped leads	Viz-Pack	4
910-MV	stripped leads	box	1
910-MV-BT2	w/ .180 bullets	box	1
910-MV-PKD	w/ hardshell connector	box	1



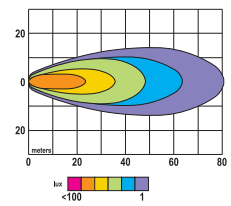


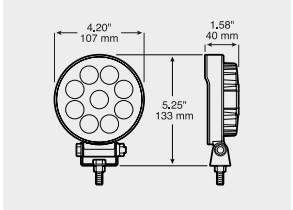
910M Great White® LED Magnetic-Mount Work Light with Switch

9 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | magnetic

- Same great features as 910-MV, but in a magnetic, temporary-mount light.
- Strong magnetic-mount base has no-scratch, rubberized face.
- Rear-mounted on/off toggle switch.
- 8-foot, quick-disconnect coil cord with 12V accessory plug.
- Handy grab handle makes carrying and repositioning light easy.

Order No.	Description	Pack	Std Carton
V910M-MV	stripped leads	Viz-Pack	3
910M-MV	stripped leads	box	1





921 Great White® LED Pedestal-Mount Work Light

9 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- High-output Great White® diodes for a bright, even, flood pattern.
- Die-cast aluminum body with heat-dissipating fins for durability & longevity.
- High vibration resistance.
- 10–30 volt operating range.
- Draws 1.2A @ 13.5V, 0.59A @ 28V.
- Operating temperature: -40° – +65° C.
- Comes complete with stainless steel mounting hardware.
- IP67 / IP69K Rated.
- RoHS compliant.
- Certified to ECE Reg 10.

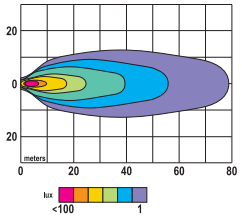
Order No.	Description	Pack	Std Carton
V921-MV	stripped leads	Viz-Pack	4
921-MV	stripped leads	box	1
921-MV-BT2	20" leads, .180 bullets	box	1

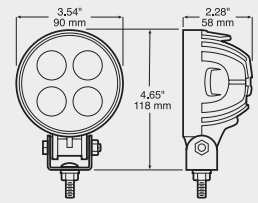
912 Great White® LED
3" Round Work Light

4 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- High-output Great White® diodes for a bright, even flood pattern.
- Impact-resistant polycarbonate lens.
- Cast aluminum body with heat-dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- 9–32 VDC operating range is compatible with 12 and 24-volt systems.
- Reverse voltage protection.
- Draws 1.11A @ 12V, 0.61A @ 24V.
- 2-Conductor black PVC jacketed harness 18 GA GPT.
- Operating temperature: -40° – +65° C.
- Color temperature: 6500k.
- IP67 rated.
- Stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
V912-MV	round	Viz Pack	4
912-MV	round	box	1



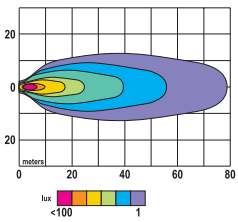


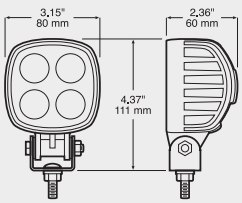
913 Great White® LED
3" x 3" Compact Work Light

4 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- High-output Great White® diodes for a bright, even flood pattern..
- Cast aluminum body and Impact-resistant polycarbonate lens are IP67 rated.
- Heat-dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- 9–32 VDC operating range is compatible with 12 and 24-volt systems.
- Reverse voltage protection.
- Draws 1.3A @ 12V, 0.65A @ 24V.
- 2-Conductor black PVC jacketed harness 18 GA GPT.
- Operating temperature: -40° – +65° C.
- Color temperature: 6500k.
- Certified to ECE Reg 10.
- Stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
V913-MV	square	Viz-Pack	4
913-MV	square	box	1
913MV-AMP	square w/ AMP connection	box	1
913MV-BT2	square w/ .180 bullets	box	1





915 Great White® LED
5" x 7" Rectangular Work Light

24 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- High-output Great White® diodes for a bright, even flood pattern.
- Impact-resistant polycarbonate lens.
- Cast aluminum body with heat-dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- 9–32 VDC operating range is compatible with 12 & 24-volt systems.
- Reverse voltage protection.
- Draws 3.2A @ 12V, 1.6A @ 24V.
- 2-Conductor black PVC jacketed harness.
- Color temperature: 6000k.
- CE & EMC Certified.
- IP67 Rated.
- Stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
915-MV	rectangular	box	1

916/918 LumenX® LED
Swiveling Work Light

9 diodes | LumenX | USA MADE | MV Multi-Volt 12V & 24V

- 916S features 817W-9 light, 918S features 800W-9 light
- Rugged, cast aluminum housing with durable gray powder-coat finish.
- Mounting arm with two 360° joints swivels to point light in any direction.
- High vibration resistance.
- 918S draws 0.65A @ 14V.
- 916S draws 0.29A @ 12V, 0.22A @ 24V.
- Convenient push-button switch.
- Two lead wires.

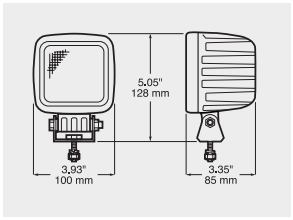
Order No.	Description	Pack	Std Carton
916S	450 lumen, multi-volt, stripped leads	box	1
916S-JAMP	450 lumen, multi-volt, jacketed AMP	box	1
918S	800 lumen, 12V, stripped leads	box	1

919 Great White® LED
3.25" x 4.75" Work Light

10 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- High-output Great White® diodes for a bright, even, wide spot pattern.
- Die-cast aluminum body with matte black finish.
- Swiveling head can be mounted horizontally or vertically.
- 10–40 VDC operating range is compatible with 12 & 24-volt systems.
- Operating temperature: -30° – +50° C.
- Operating current: 1.64A @ 12VDC, 0.83A @ 24VDC.
- Stainless steel mounting hardware.
- RoHS compliant.
- IP67/IP69K rated.
- Certified to ECE Reg 10.

Order No.	Description	Pack	Std Carton
V919-MV	oval	Viz Pack	5
919-MV	oval	box	1

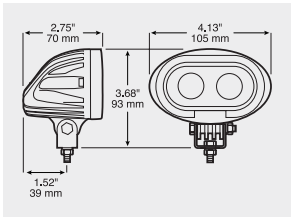


928 Great White® LED
3" x 3" Square Work Light

6 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- High-output Great White® diodes for a bright, even flood pattern.
- 10–30 VDC operating range.
- Draws 2.15A @ 12V, 1.03A @ 24V.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Operating temperature: -30° – +50° C.
- Stainless steel mounting hardware.
- IP67 and IP69K Rated.
- RoHS compliant.
- Certified to ECE Reg 10.

Order No.	Description	Pack	Std Carton
928-MV	square	box	1



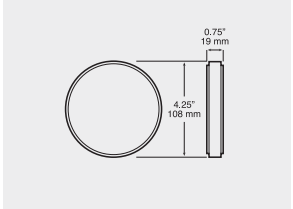
920B-MV Great White® LED
Blue Pedestrian Warning Light

2 diodes | HARD WIRED | MV Multi-Volt 12V & 24V

- Two 5 watt blue diodes for a bright spot pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- Operating voltage: 12-48V DC
- Operating current: 0.6A @ 12.8VDC, 0.3A @ 28VDC.
- PVC jacketed, partially stripped, 17.75 " (450mm) lead wires.
- Operating temperature range: -40°F - +149°F (-40°C - +65°C).
- IP67 rated.
- Stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
920B-MV	blue, oval	box	1

LEDs light up both RED & GREEN

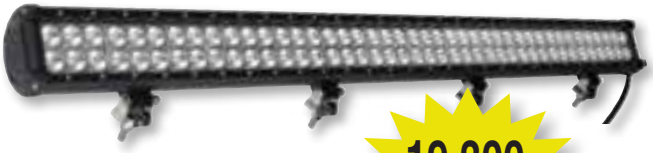


1217G-R LED
Traffic Indicator / Loading Dock Light

LED | HARD WIRED | 24 24 Volt Version

- Dual-color diodes provide red and green indicators in a single lens.
- Ideal for loading bays, car parks, barriers and gates.
- Includes 4 meter co-extruded three-core cable.
- 18–28 volt operating range.
- Individually boxed.
- IP67 ingress protection rating.
- Installation requires 426-18 grommet or 417-1 bracket, available separately.

Order No.	Description	Pack	Std Carton
1217G-R	red/green bi-color	box	30
417-1	surface mount bracket	mfg. pack	40
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100



DOUBLE ROW

19,300 Lumens

SINGLE ROW

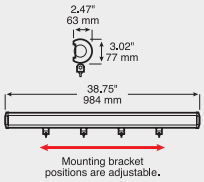
13,300 Lumens

930 Nightwatcher® LED 39" Rectangular Light Bar

84 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Rugged, extruded aluminum housing with die-cast end caps.
- Thick, scratch-resistant polycarbonate lens.
- Powder-coated black finish.
- Infinitely adjustable mounting pedestal locations.
- Flood beam pattern.
- 6000K–6500K daylight color temperature.
- 10–30 volt operating range.
- Draws 15A @ 13.5V, 6.6A @ 28V.
- IP66 ingress protection rating.
- Includes all mounting hardware.
- 18" sheathed leads.
- Includes fuse holder, 20 amp ATC fuse, and butt connectors for easy wiring.

Order No.	Description	Pack	Std Carton
930-MV	double row flood	box	1

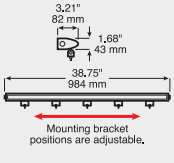


931 Nightwatcher® LED 39" Rectangular Light Bar

38 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Rugged, extruded aluminum housing with die-cast end caps.
- Thick, scratch-resistant polycarbonate lens.
- Powder-coated black finish.
- Infinitely adjustable mounting pedestal locations.
- 60° flood beam pattern.
- 6000K–6500K daylight color temperature.
- 10–30 volt operating range.
- Draws 11.6A @ 13.5V, 5.2A @ 28V.
- IP66 ingress protection rating.
- Includes all mounting hardware.
- 18" sheathed leads with Deutsch style connector (DT04-2P).
- Remove connector plug for custom termination option.

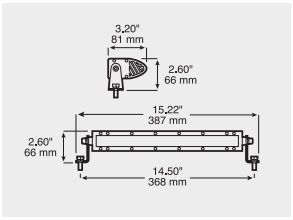
Order No.	Description	Pack	Std Carton
931-MV	single row flood	box	1



NEW!

SINGLE ROW

3000 Lumens



932 Nightwatcher® LED
14" Rectangular Light Bar

12 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

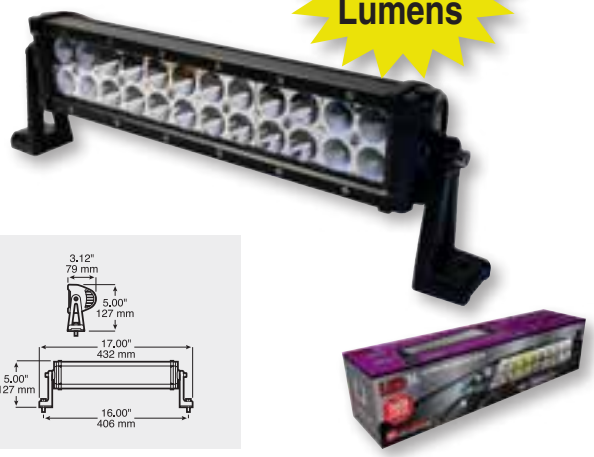
- Combination beam with 60° flood beam and 30° spot beam patterns.
- 6000–6500K color temperature.
- 9–32 VDC operating range.
- Draws 3.54A @ 13.5V, 1.77A @ 28V.
- Rugged extruded aluminum housing.
- Powder-coated black finish.
- 18" sheathed leads with Deutsch-style connector.
- Female pigtail included for custom installation.
- Includes side-mount brackets and hardware.
- IP68 ingress rating.
- Attractive, full-color retail box with window.

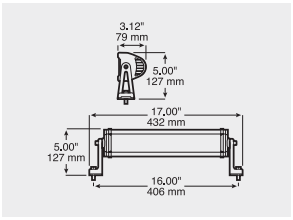
Order No.	Description	Pack	Std Carton
V932-MV	single row flood/spot	Viz Pack	1

NEW!

DOUBLE ROW

3600 Lumens





933 Nightwatcher® LED
14" Rectangular Light Bar

24 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

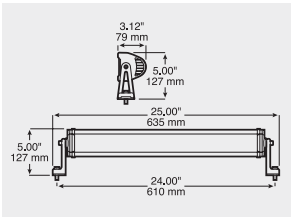
- Combination beam with 60° flood beam and 30° spot beam patterns.
- 6000–6500K color temperature.
- 10–30 VDC operating range.
- Draws 3.36A @ 13.5V, 1.53A @ 28V.
- Rugged extruded aluminum housing.
- Powder-coated black finish.
- Thick, scratch-resistant polycarbonate lens.
- 18" sheathed leads with Deutsch-style connector.
- Female pigtail included for custom installation.
- Includes side-mount brackets and hardware.
- IP68 ingress rating.
- Attractive, full-color retail box with window.

Order No.	Description	Pack	Std Carton
V933-MV	double row flood/spot	Viz Pack	1

NEW!

DOUBLE ROW

6000 Lumens



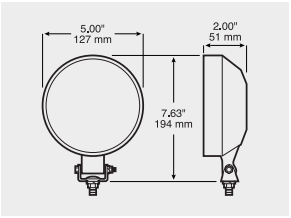
934 Nightwatcher® LED
22" Rectangular Light Bar

40 diodes | VIZ PACK | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Combination beam with 60° flood beam and 30° spot beam patterns.
- 6000–6500K color temperature.
- 10–30 VDC operating range.
- Draws 7.98A @ 13.5V, 3.14A @ 28V.
- Rugged extruded aluminum housing.
- Powder-coated black finish.
- Thick, scratch-resistant polycarbonate lens.
- 18" sheathed leads with Deutsch-style connector.
- Female pigtail included for custom installation.
- Includes side-mount brackets and hardware.
- IP68 ingress rating.
- Attractive, full-color retail box with window.

Order No.	Description	Pack	Std Carton
V934-MV	double row flood/spot	Viz Pack	1

INCANDESCENT WORK LIGHTS

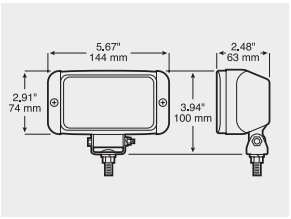


408
Tractor / Utility Light

VIZ PACK

- Tractor or utility light with trapezoid beam pattern.
- Replaceable 55W H3 halogen bulb.
- Slim housing fits into tight areas.
- 2370 candelas, 880 lumens.
- Black plastic housing and hardened glass lens.
- Adjustable mounting hardware.
- Separate 8" lead and ground wires for electrical connection.

Order No.	Description	Pack	Std Carton
V408	trapezoid	Viz Pack	6
M408	trapezoid	mfg. pack	36
VH550	replacement bulb	Viz Pack	12

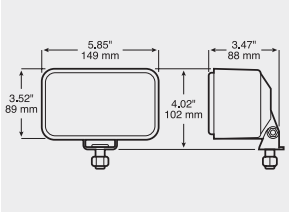


502
3" x 5" Tractor / Utility Light

VIZ PACK

- Low-profile, rectangular lamp functions as tractor or utility light.
- Available in both trapezoid (HT) and flood (HF) beam patterns.
- Replaceable 55W H3 halogen bulb.
- Flood version outputs 2190 candelas, 949 lumens.
- Trapezoid version outputs 6190 candelas, 949 lumens.
- Black plastic housing
- Adjustable black zinc plated steel mounting hardware.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V502HF	flood	Viz Pack	3
V502HT	trapezoid	Viz Pack	3
M502HF	flood	mfg. pack	12
VH550	replacement bulb	Viz Pack	12

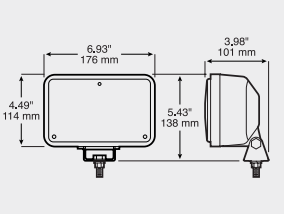


503
3" x 5" Tractor & Work Light

VIZ PACK

- Heavy-duty lamp with 3" x 5" lens.
- Functions as tractor or general work light.
- Available in both trapezoid (HT) and flood (HF) beam patterns.
- Replaceable 55W H3 halogen bulb.
- 4060 candelas, 870 lumens (flood version 780 lumens).
- Polycarbonate housing.
- Black-plated mounting bracket for corrosion-free service.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V503HF	flood	Viz Pack	3
V503HT	trapezoid	Viz Pack	3
M503HF	flood	mfg. pack	12
VH550	replacement bulb	Viz Pack	12

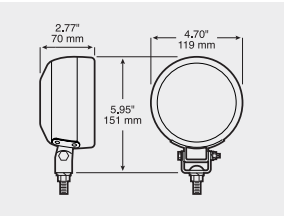


504
4" x 6" Tractor / Work Light

VIZ PACK

- Heavy-duty tractor or general work light with 4" x 6" lens.
- Available in both trapezoid (HT) and flood (HF) beam patterns.
- Replaceable 55W H3 halogen bulb.
- Flood version outputs 3800 candelas, 813 lumens.
- Trapezoid version outputs 3120 candelas, 860 lumens.
- Nylon housing and black-plated hardware for corrosion resistance.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V504HF	flood	Viz Pack	3
V504HT	trapezoid	Viz Pack	3
VH550	replacement bulb	Viz Pack	12

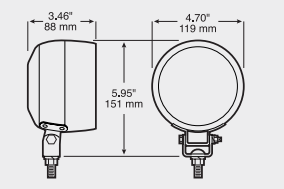


507
PAR 36 Rubber Tractor Light

VIZ PACK LED Version Available

- PVC molded housing cushions lamp from shock and vibration.
- Replaceable, flush-mount, par 36 sealed beam.
- Available in both trapezoid and flood beam patterns.
- 10" lead wire exits through back of housing, grounds through mounting stud.
- 507S includes push-button on/off switch on back of housing and .180 bullet terminal on lead.
- Universal 5/16" mounting stud and adjustable zinc-plated bracket allow mounting in any position.
- Accepts standard 4411 (trap. 12V), 4511 (trap. 6V), H7610 (halogen trap.) or H7614 (halogen flood) bulb.
- See 907 LED version on page 127.

Order No.	Description	Pack	Std Carton
V507	trapezoid	Viz Pack	3
507	trapezoid	poly pack	12
M507	trapezoid	mfg. pack	24
M507S	trapezoid, with on/off switch	mfg. pack	24
507LU	housing only	poly pack	12
4411	replacement bulb (12v trapezoid)		*reference only*

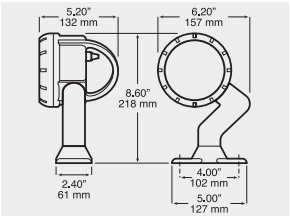


508
PAR 36 Rubber Tractor Light

VIZ PACK

- Same quality design as the 507 series with recessed sealed beam.
- PVC hood reduces glare and provides added protection.
- Trapezoidal beam pattern.
- Accepts standard 4411 (trap. 12V), 4511 (trap. 6V), H7610 (halogen trap.) or H7614 (halogen flood) bulb.

Order No.	Description	Pack	Std Carton
V508	trapezoid	Viz Pack	6
M508	trapezoid	mfg. pack	16
4411	replacement bulb		*reference only*

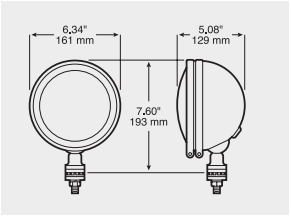


516
Heavy-Duty Swiveling Trapezoidal Work Light

LED Version Available

- PAR 36 sealed beam work lamp.
- Trapezoidal pattern.
- Mounting arm with two 360° joints swivels to point light in any direction.
- Rugged cast aluminum housing with gray powder-coat finish.
- Convenient rubber-covered on-off switch and integrated handle.
- Uses 4411 trapezoidal sealed beam.
- Also available in LED version. See 916S and 918S on page 130.

Order No.	Description	Pack	Std Carton
516S	swivel housing	box	1

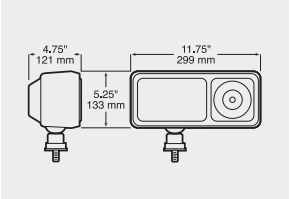


530 Nightwatcher® LX
6" Round Off-Road Light

VIZ PACK

- 6" light produces over 250,000 candle power.
- Durable steel housing finished in black E-coat for long-lasting service.
- Aluminum-coated metal reflector.
- Hardened-glass lens.
- H3 100-watt halogen bulb.
- Armored cables.
- Universal swiveling, rubber cushioned mounting bracket.
- For off-road use only.

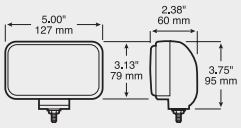
Order No.	Description	Pack	Std Carton
V530	black	Viz Pack	6
VH549	replacement bulb	Viz Pack	12



505 BladeLights®
Snow Plow Light Kit

- Head light and turn signal kit for snow removal vehicles.
- Includes high and low beam function.
- Low-profile housing.
- Easy-to-replace sealed halogen beam and turn signal bulb.
- 1/2" diameter, adjustable-ball mounting stud.
- Meets FMVSS 108 requirements.
- Kits include two lights, wiring, switch, mounting hardware, and easy-to-follow instructions.
- 24" lead wires.
- Packaged in bright, four-color display box.

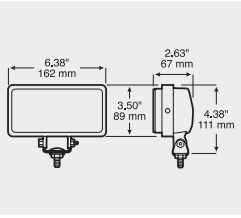
Order No.		Description	Pack	Std Carton
505K	KIT	snow plow light kit	box	1
H6545		replacement sealed beam		*reference only*
2357		replacement bulb		*reference only*



517 Nightwatcher® LX
Mini Halogen Driving / Docking Light

- Powerful 55-watt, halogen driving or docking light.
- Black housing.
- Precision-cast, hardened-glass lens.
- Steel reflector with bright chrome plating.
- Stainless steel mounting hardware and bezel screws.
- Wiring kit sold separately.

Order No.	Description	Pack	Std Carton
M517S	black	mfg. pack	30
V520-10	wiring kit	Viz Pack	12
VH550	replacement bulb	Viz Pack	12

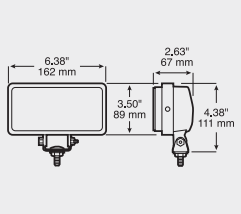


525 Nightwatcher® LX
Halogen Docking Light

VIZ PACK

- Powerful 55-watt, halogen docking light.
- Black housing.
- Precision-cast, hardened-glass lens.
- Vaporized aluminum reflector.
- Viz Pack kit includes two lamps, wiring, connectors, fuse, rocker switch, and installation instructions.
- M525S and V525S-2 include stainless-steel mounting hardware and bezel screws.
- Lens and reflector assembly may be reversed for optional inverted mounting.

Order No.		Description	Pack	Std Carton
V525S-2	KIT	kit w/ 1 1/2" SS bolt	Viz Pack	3
M525		1" bolt	mfg. pack	30
VH550		replacement bulb	Viz Pack	12

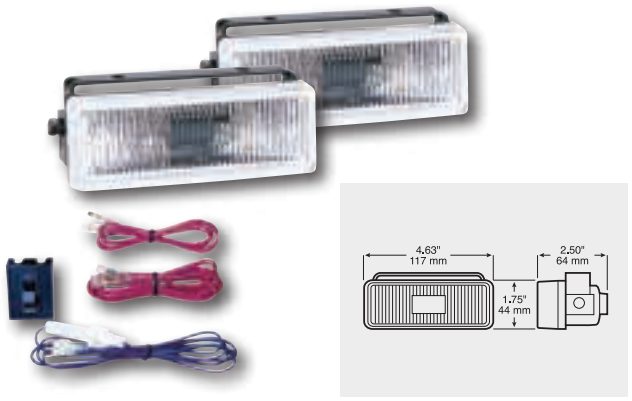


526 Nightwatcher® LX
Chrome Clear Driving Light

- Powerful 55-watt, halogen driving light.
- Chrome plated steel housing.
- Precision-cast, hardened-glass lens.
- Vaporized aluminum reflector.
- Universal mounting bracket.
- Wiring kit sold separately.

Order No.	Description	Pack	Std Carton
M526	clear driving	mfg. pack	30
V520-10	wiring kit	Viz Pack	12

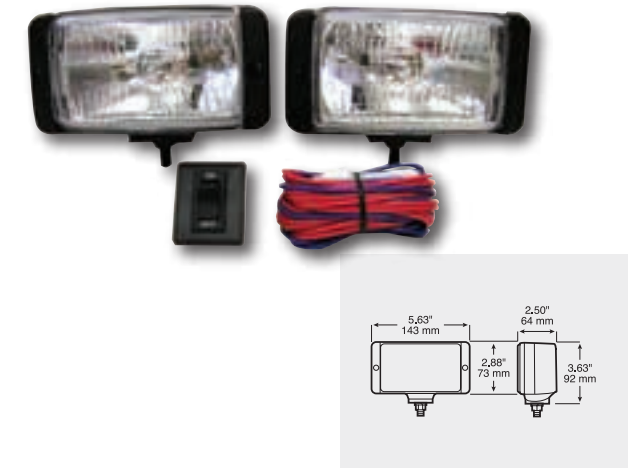
HALOGEN FOG & DRIVING LIGHTS



557 Nightwatcher® LX
Ultra-Slim Clear Fog Light

- Attractive, low-profile clear fog light provides maximum road clearance.
- 55-watt halogen bulb.
- Black-finished aluminum diecast housing.
- Hardened-glass lens.
- Mounts above or below bumper.
- Screws or double-sided tape for installation on any surface.
- Kit contains two lights, rocker switch, wiring, and installation instructions.

Order No.		Description	Pack	Std Carton
557-2	KIT	clear fog light kit	box pack	20
VH550		replacement bulb	Viz Pack	12



566 Nightwatcher® LX
Clear OE-Style Driving Light

VIZ PACK

- Popular original equipment style clear driving light kit.
- Designed to mount in most factory and aftermarket air dams.
- Can be mounted on top or bottom of bumper.
- 55-watt halogen bulb behind replaceable, hardened-glass lens.
- Black plastic housing.
- Kit contains two lights, rocker switch, wiring, and instructions.
- Meets SAE specifications.

Order No.		Description	Pack	Std Carton
V566-1	KIT	clear driving light kit	Viz Pack	3
VH550		replacement bulb	Viz Pack	12

582 Nightwatcher® LX
Slim Oval ION Fog/Docking Light

VIZ PACK

- Attractive, low-profile clear fog light provides maximum road clearance.
- 55-watt halogen bulb behind ion-coated lens.
- Black-finished aluminum diecast housing.
- Mounts above or below bumper.
- May be used as marine docking lights.
- Screws or double-sided tape for installation on any surface.
- Kits include two lights, wiring, illuminated rocker switch, instructions.

Order No.		Description	Pack	Std Carton
V582-2	KIT	black driving light kit	Viz Pack	3
VH550		replacement bulb	Viz Pack	12

586 Nightwatcher® LX
Compact Square ION Driving Light

VIZ PACK

- Compact, modern shape.
- 55-watt halogen bulb behind ion-coated lens.
- Black metal powder-coated housing.
- May be used as marine docking lights.
- Kits include two lights, wiring, illuminated rocker switch, instructions.

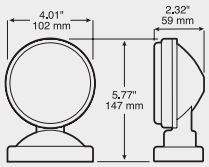
Order No.		Description	Pack	Std Carton
V586-2	KIT	black driving light kit	Viz Pack	3

955 LED
Magnetic-Mount Tow Light Kit

LED · VIZ PACK · HARD WIRED · magnetic

- Two 8-diode auxiliary stop/turn/tail lights with magnetic bases.
- Kit includes trunk harness, 20' wire harness, connectors, and instructions.
- Strong magnetic base meets 35–40 lb. pull force test.
- 8–16 volt operating range.
- Four conductor, bonded harness uses 18 gauge copper stranded wire.
- Plugs into standard flat four-way vehicle trailer light connector.
- Packaged in 2-lamp, self-service visual pack kit.

Order No.		Description	Pack	Std Carton
V955	KIT	complete kit	Viz Pack	2

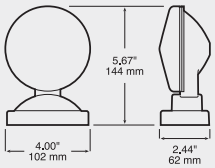


555
Magnetic-Mount Tow Light Kit

VIZ PACK · HARD WIRED · magnetic

- Two auxiliary warning lights with magnetic bases.
- Kit includes trunk harness, 20' four-wire harness, connectors, and instructions.
- Plugs into standard flat four-way vehicle trailer light connector.
- Packaged in attractive, self-service visual pack kit.

Order No.		Description	Pack	Std Carton
V555	KIT	complete kit	Viz Pack	2
313-15R		red replacement lens	poly pack	10
1157		replacement bulb		*reference only*



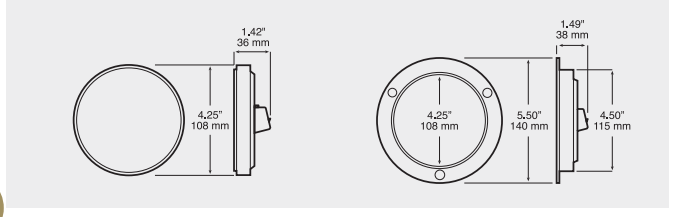
LED AUXILIARY STROBE

817S/818S *LumenX*® LED Auxiliary Round Strobing Lights

9 diodes | DEFENDER APPROVED | LumenX | USA MADE | LED Strobe | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- ***Meets SAE J595 Class 1***
- Strobing light functions as auxiliary strobe or warning light.
- Ideal for emergency, construction and refuse vehicles.
- New white diodes behind white or colored lenses.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- 818-9 has flange integrated into the housing.
- 817-9 has skirted weld joint for added protection against moisture.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- See pages 184–185 & 187 for mounting options.

Order No.	Description	Pack	Std Carton
817SA-9	amber, grommet mount	poly pack	6
818SA-9	amber, flange mount	poly pack	6
817SR-9	red, grommet mount	poly pack	6
818SR-9	red, flange mount	poly pack	6
817SW-9	white, grommet mount	poly pack	6
818SW-9	white, flange mount	poly pack	6
M817SA-9	amber, grommet mount	mfg. pack	50
M818SA-9	amber, flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-48	hardshell plug, 2-wire	poly pack	6
B417-48	hardshell plug, 2-wire	mfg. pack	100
817-48	molded plug, 2-wire	poly pack	12
B817-48	molded plug, 2-wire	mfg. pack	100

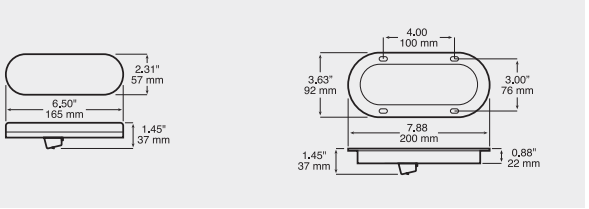


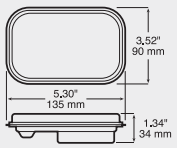
820S/823S *LumenX*® LED Auxiliary Oval Strobing Lights

10 diodes | DEFENDER APPROVED | LumenX | USA MADE | LED Strobe | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- ***Meets SAE J595 Class 1***
- Strobing light functions as auxiliary strobe or warning light.
- Ideal for emergency, construction and refuse vehicles.
- New white diodes behind white or colored lenses.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 821SA-10 has PL3 plug integrated into housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- 823-10 has flange integrated into the housing.
- 820KSA kit includes 421-18 grommet and 417-49 plug.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- See pages 186–187 for mounting options.

Order No.		Description	Pack	Std Carton
820KSA	KIT	amber, grommet mount kit	poly pack	6
820SA-10		amber, grommet mount	poly pack	6
823SA-10		amber, flange mount	poly pack	6
820SR-10		red, grommet mount	poly pack	6
823SR-10		red, flange mount	poly pack	6
820SW-10		white, grommet mount	poly pack	6
823SW-10		white, flange mount	poly pack	6
M820SA-10		amber, grommet mount	mfg. pack	50
M820SR-10		red, grommet mount	mfg. pack	50
M821SA-10		amber, grommet, PL3 plug	mfg. pack	50
421-18		grommet	poly pack	12
B421-18		grommet	mfg. pack	100
417-48		hardshell plug, 2-wire	poly pack	6
B417-48		hardshell plug, 2-wire	mfg. pack	100
817-48		molded plug, 2-wire	poly pack	12
B817-48		molded plug, 2-wire	mfg. pack	100



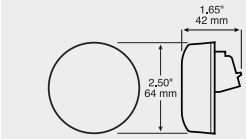


850SA LED
Rectangular Auxiliary Strobing Light

11 diodes | HARD WIRED | LED Strobe | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- 3.5" x 5" LED light functions as auxiliary strobe or warning light.
- Two separate hot leads for selectable dual flash or quad flash strobe.
- Strobing function meets SAE J595 Class 2 specification.
- Operates from 9-32 volts.
- Ideal for emergency, construction and refuse vehicles.
- Potted, hardwired 12.25" sheathed leads. Available with AMP plug.
- Sealed lens and housing meets IP67 ingress protection level.
- Grommet fits material up to 6 mm.

Order No.	Description	Pack	Std Carton
850SA	amber	poly pack	6
850SA-AMP	amber, AMP plug	poly pack	6
B850-18	rubber grommet	mfg. pack	100



1197SA Single Diode *LumenX*® LED
2½" Round Auxiliary Strobing Light

6 diodes | LumenX | USA MADE | LED Strobe

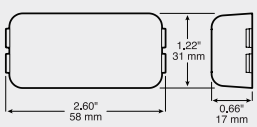
- Functions as amber auxiliary strobe or warning light.
- Round, 2½" diameter.
- Operates from 9-16 volts.
- Integral receptacle accepts industry-standard AMP plug.
- Sealed lens and housing meets IP67 ingress protection level.
- Grommet fits material up to 6 mm.

Order No.	Description	Pack	Std Carton
1197SA	amber	mfg pack	50
143-18	grommet	poly pack	24
B143-18	grommet	mfg. pack	100
192-492	AMP plug w/ .180 bullets	poly pack	6
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B193-492	molded AMP plug, .180 bullets	mfg. pack	50

Black: power
White: ground
Red: sync

Clear diodes flash bright amber or white!

Shown in 150-095 surface mount bracket.
Bracket or grommet required for mounting, available separately.



253S LED
Ultra-Mini Strobing Lights w/ Sync

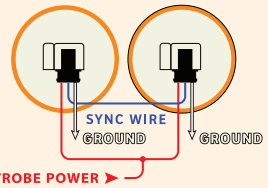
3 diodes | HARD WIRED | LED Strobe | REG Voltage Regulated | CLEAR LENS COLORED LIGHT

- 60 triple-flashes per minute meet J595 Class 1 specs.
- "Sync wire" technology allows two lamps to communicate with each other without an external strobe controller. (See next page for more information.)
- 9-16 volt operating range.
- Ultra-compact size allows installation on nearly any vertical surface.

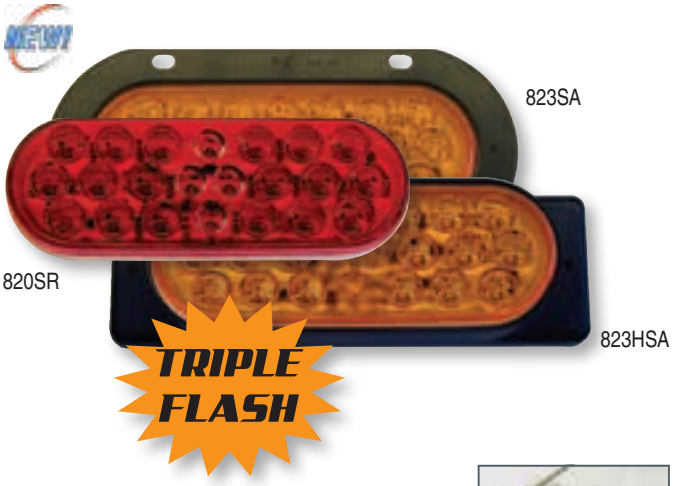
Order No.	Description	Pack	Std Carton
253SA-1	amber, type 1	poly pack	6
253SA-2	amber, type 2	poly pack	6
253SW-1	white, type 1	poly pack	6
253SW-2	white, type 2	poly pack	6
150-095	mounting bracket	poly pack	12
B150-18	grommet	poly pack	100
B150-181	grommet	poly pack	100

LED AUXILIARY STROBE W/ SYNC

ALTERNATING, SYNCHRONOUS, OR RANDOM STROBE PATTERNS— NO EXTERNAL CONTROLLER NEEDED!



- Synchronous Strobe Pattern: Use two "–1" lamps
- Alternating Strobe Pattern: Use one "–1" and one "–2"
- Random Strobing: Leave black wire unconnected



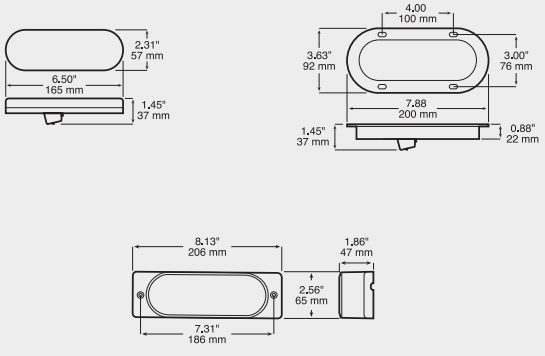
TRADITIONAL 22 DIODE PIRANHA®

820S & 823S LED Auxiliary Oval Strobing Lights w/ Sync

22 diodes | USA MADE | HARD WIRED | LED Strobe | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Oval, LED triple-flash strobing auxiliary or emergency warning light.
- 9-32 volt operating range, no separate external controller required.
- "Sync wire" technology allows two lamps to communicate with each other without an external strobe controller.
- Meets SAE J595 Class 2 specifications rotated in any orientation.
- 823HSA permits easy surface mounting.

Order No.	Description	Pack	Std Carton
820SA-1	amber, pos. 1	poly pack	6
820SA-2	amber, pos. 2	poly pack	6
820SR-1	red, pos. 1	poly pack	6
820SR-2	red, pos. 2	poly pack	6
823SA-1	amber w/ flange, pos. 1	poly pack	6
823SA-2	amber w/ flange, pos. 2	poly pack	6
823HSA-1	amber surface mount, pos. 1	poly pack	6
823HSA-2	amber surface mount, pos. 2	poly pack	6
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-49	plug	poly pack	6
B417-49	hardshell plug, 3-wire	mfg. pack	100



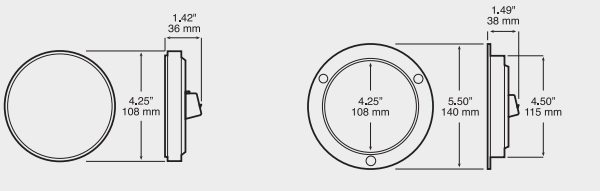
TRADITIONAL 36 DIODE PIRANHA®

817SA Piranha® LED Auxiliary Round Strobing Lights w/ Sync

36 diodes | USA MADE | LED Strobe | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Original 36-diode Piranha multi-diode lens look.
- AMP-compatible connector integrated into housing.
- "Sync wire" technology allows two lamps to communicate with each other without an external strobe controller.
- Operates from 9-32 volts.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Ideal for emergency, construction and refuse vehicles.
- Meets SAE J595 Class 2 specifications.

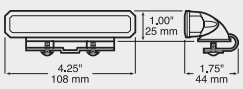
Order No.	Description	Pack	Std Carton
817SA-1	amber, grommet mount, pos. 1	poly pack	6
817SA-2	amber, grommet mount, pos. 2	poly pack	6
818SA-1	amber, flange mount, pos. 1	poly pack	6
818SA-2	amber, flange mount, pos. 2	poly pack	6
B426-18	grommet	mfg. pack	100
B417-49	hardshell plug, 3-wire	mfg. pack	100



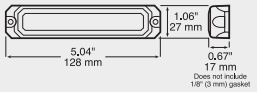
LED PROGRAMMABLE AUX STROBE

4153SA Surface Mount

4154SA
Bracket Mount



4154SA



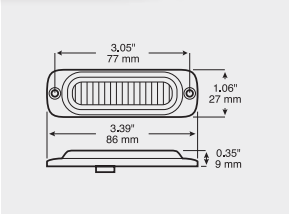
4153SA

4153SA/4154SA LED
Programmable Compact Strobe

6 diodes | HARD WIRED | LED Strobe | MV Multi-Volt 12V & 24V | CLEAR LENS COLORED LIGHT

- ***Meets SAE J595 Class 1***
- 6 super bright diodes.
- 12-24 volt operating range.
- 19 programmable flash patterns
- Solid-state design.
- 4153SA features screw-on surface mounting and includes foam base gasket.
- 4154SA comes with adjustable, clamp-on/adhesive mounting bracket.
- All mounting hardware included.

Order No.	Description	Pack	Std Carton
P4153SA	amber, surface mount	poly pack	1
P4154SA	amber, bracket mount	poly pack	1
4153SA	amber, surface mount	box	1
4154SA	amber, bracket mount	box	1

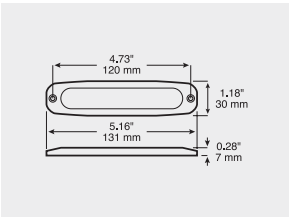


4155SA LED
Programmable Low-Profile Surface-Mount Strobe

3 diodes | HARD WIRED | LED Strobe | MV Multi-Volt 12V & 24V | REG Voltage Regulated | CLEAR LENS COLORED LIGHT

- Low-profile LED amber warning strobe.
- Screw mounts on 3-inch centers.
- 12 programmable flash patterns.
- Meets SAE J595 Class 1.
- 3 super bright diodes.
- Compatible with 12VDC and 24VDC systems.
- Aluminum base for heat dissipation.
- Multiple units can synchronize for simultaneous or alternating flash.

Order No.	Description	Pack	Std Carton
P4155SA	surface mount	poly pack	1
4155SA	surface mount	box	1
4155SA-BT3	surface mount w/ .180 bullets	box	1



4156SA LED
Programmable Surface-Mount Strobe Pad

6 diodes | HARD WIRED | LED Strobe | MV Multi-Volt 12V & 24V | REG Voltage Regulated | CLEAR LENS COLORED LIGHT

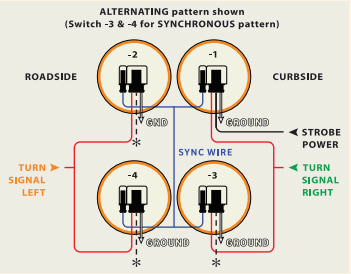
- Low-profile LED amber warning strobe with pad mount.
- Mounts using screws and high-strength self-adhesive backing (both included).
- 23 programmable flash patterns.
- Meets SAE J595 Class 1 & ECE Reg 10.
- 6 super bright diodes.
- Compatible with 12VDC and 24VDC systems.
- Aluminum base for heat dissipation.
- Multiple units can synchronize for simultaneous or alternating flash.

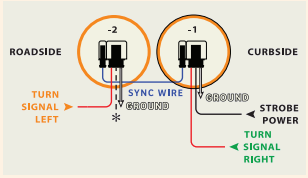
Order No.	Description	Pack	Std Carton
P4156SA	surface mount	poly pack	1
4156SA	surface mount	box	1
4156SA-BT3	surface mount w/ .180 bullets	box	1

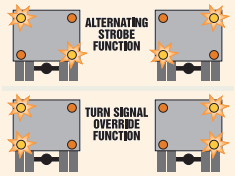
LED STROBE W/ TURN OVERRIDE

MULTI-FUNCTION STROBES FUNCTION AS TURN SIGNALS!

Each lamp has electronic strobe and turn signal functions built-in, with no external strobe controller. Activating turn signal automatically overrides strobe function. Two power wires allow strobes to be activated with cab switch and automatically when shifted into reverse.







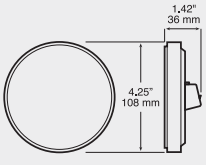
✻Center terminal provides power to –1 lamp only; the sync wire provides power to other lamps in the system. Two-wire AMP plugs are recommended for –2, –3, and –4 lamps. If three-wire AMP plug are used with these lamps, all unused wires must be properly sealed against moisture/corrosion.

867SA *LumenX*® LED Strobe & Rear Turn Signal w/ Sync

9 diodes · DEFENDER APPROVED · LumenX · USA MADE · LED Strobe · MV Multi-Volt 12V & 24V · REG Voltage Regulated

- Two- or four-lamp system functions as both alternating strobes and DOT-compliant rear turn signals.
- Activating turn signal automatically overrides strobe function.
- Requires no external strobe controller. (Requires standard vehicle flasher for turn function.)
- Meets SAE J595 Class 2 specifications. Requires 426-18 grommet, 417-49 3-wire plug, and 880-49 or 866-486 single wire sync plug for installation.

Order No.	Description	Pack	Std Carton
867SA-1	amber, curbside high	poly pack	6
867SA-2	amber, roadside high	poly pack	6
867SA-3	amber, curbside low	poly pack	6
867SA-4	amber, roadside low	poly pack	6
M867SA-1	amber, curbside high	mfg. pack	50
M867SA-2	amber, roadside high	mfg. pack	50
B426-18	grommet	mfg. pack	100
B417-49	hardshell plug, 3-wire	mfg. pack	100
880-49	plug, sync wire, stripped lead	poly pack	6
B880-49	plug, sync wire, stripped lead	mfg. pack	100
866-486	plug, sync wire, Packard connector	poly pack	6
B866-486	plug, sync wire, Packard connector	mfg. pack	100

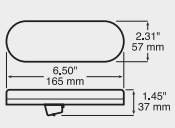


860SA *LumenX*® LED Strobe & Rear Turn Signal w/ Sync

10 diodes · DEFENDER APPROVED · LumenX · USA MADE · LED Strobe · MV Multi-Volt 12V & 24V · REG Voltage Regulated

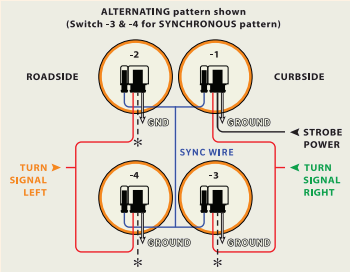
- Two- or four-lamp system functions as both alternating strobes and DOT-compliant rear turn signals.
- Activating turn signal automatically overrides strobe function.
- Requires no external strobe controller. (Requires standard vehicle flasher for turn function.)
- Meets SAE J595 Class 2 specifications rotated in any orientation.
- Requires 421-18 grommet, 417-49 3-wire plug, and 880-49 single wire sync plug for installation.

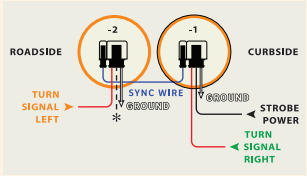
Order No.	Description	Pack	Std Carton
860SA-1	amber, curbside high	poly pack	6
860SA-2	amber, roadside high	poly pack	6
860SA-3	amber, curbside low	poly pack	6
860SA-4	amber, roadside low	poly pack	6
B421-18	grommet	mfg. pack	100
B417-49	hardshell plug, 3-wire	mfg. pack	100
880-49	plug, sync wire, stripped lead	poly pack	6
B880-49	plug, sync wire, stripped lead	mfg. pack	100
866-486	plug, sync wire, Packard connector	poly pack	6
B866-486	plug, sync wire, Packard connector	mfg. pack	100

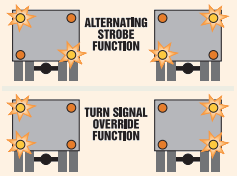


MULTI-FUNCTION STROBES FUNCTION AS TURN SIGNALS!

Each lamp has electronic strobe and turn signal functions built-in, with no external strobe controller. Activating turn signal automatically overrides strobe function. Two power wires allow strobes to be activated with cab switch and automatically when shifted into reverse.







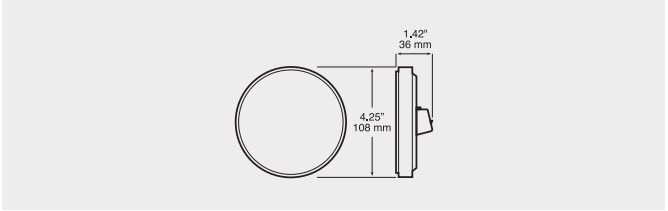
✻Center terminal provides power to –1 lamp only; the sync wire provides power to other lamps in the system. Two-wire AMP plugs are recommended for –2, –3, and –4 lamps. If three-wire AMP plug are used with these lamps, all unused wires must be properly sealed against mosture/corrosion.

866SA Piranha® LED Strobe & Rear Turn Signal w/ Sync

36 diodes | DEFENDER APPROVED | USA MADE | LED Strobe | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- Two- or four-lamp system functions as both alternating strobes and DOT-compliant rear turn signals.
- Activating turn signal automatically overrides strobe function.
- Requires no external strobe controller. (Requires standard vehicle flasher for turn function.)
- Meets SAE J595 Class 2 specifications rotated in any orientation.
- Requires 426-18 grommet, 417-49 3-wire plug, and 880-49 single wire sync plug for installation.

Order No.	Description	Pack	Std Carton
866SA-1	amber, grommet mnt. curbside high	poly pack	6
866SA-2	amber, grommet mnt. roadside high	poly pack	6
866SA-3	amber, grommet mnt. curbside low	poly pack	6
866SA-4	amber, grommet mnt. roadside low	poly pack	6
M866SA-1	amber, curbside high	mfg. pack	50
M866SA-2	amber, roadside high	mfg. pack	50
B426-18	grommet	mfg. pack	100
B417-49	hardshell plug, 3-wire	mfg. pack	100
880-49	plug, sync wire, stripped lead	poly pack	6
B880-49	plug, sync wire, stripped lead	mfg. pack	100
866-486	plug, sync wire, Packard connector	poly pack	6
B866-486	plug, sync wire, Packard connector	mfg. pack	100

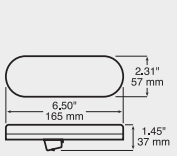


861SA Piranha® LED Strobe & Rear Turn Signal w/ Sync

22 diodes | DEFENDER APPROVED | USA MADE | LED Strobe | MV Multi-Volt 12V & 24V | REG Voltage Regulated

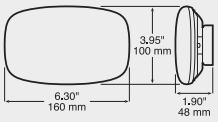
- Two- or four-lamp system functions as both alternating strobes and DOT-compliant rear turn signals.
- Activating turn signal automatically overrides strobe function.
- Requires no external strobe controller. (Requires standard vehicle flasher for turn function.)
- Meets SAE J595 Class 2 specifications rotated in any orientation.
- Requires 421-18 grommet, 417-49 3-wire plug, and 880-49 single wire sync plug for installation.

Order No.	Description	Pack	Std Carton
861SA-1	amber, curbside high	poly pack	6
861SA-2	amber, roadside high	poly pack	6
861SA-3	amber, curbside low	poly pack	6
861SA-4	amber, roadside low	poly pack	6
B421-18	grommet	mfg. pack	100
B417-49	hardshell plug, 3-wire	mfg. pack	100
880-49	plug, sync wire, stripped lead	poly pack	6
B880-49	plug, sync wire, stripped lead	mfg. pack	100
866-486	plug, sync wire, Packard connector	poly pack	6
B866-486	plug, sync wire, Packard connector	mfg. pack	100



LED FLASHING BEACON

Rear view shows twin magnets and push-button switch



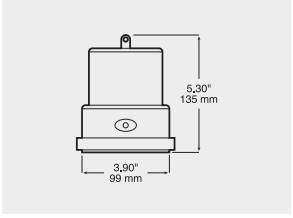
316 LED
Battery-Operated Hazard Light w/Magnetic Mount

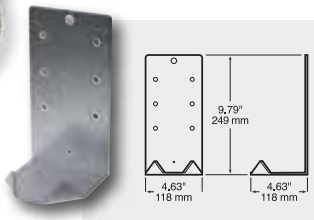
18 diodes | VIZ PACK | magnetic

- 6" x 4" battery-powered, portable LED flashing light.
- Available in amber or red.
- Magnetic mount attaches securely to back of vehicle or trailer.
- 18 bright, highly visible diodes.
- 3-way switch for flashing or steady-on operation.
- 180 flashes per minute in flash mode.
- Requires four AA batteries (not included).
- Can flash for 36 hours or more on one set of alkaline batteries.
- Can be optionally configured as self-standing easel.
- Sealed lens and base.

Order No.	Description	Pack	Std Carton
V316MA	amber	Viz Pack	4
V316MR	red	Viz Pack	4

740-09 Bracket





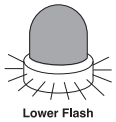
740 LED
Battery-Operated Safety Beacon w/Magnetic Mount

24 diodes | LED Strobe | magnetic

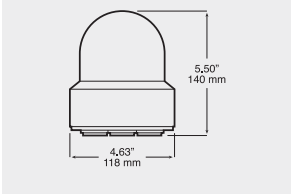
- General purpose, battery-powered, portable light.
- 300-400 hour run time on 2 D batteries (not included).
- Carry strap included.
- Heavy-duty magnetic base.
- Optional mounting bracket available.
- 65 flashes per minute.
- Photocell mode switch located inside battery compartment.

Order No.	Description	Pack	Std Carton
740A	amber	box	1
740R	red	box	1
740-09	bracket	box	1

Upper Flash



Lower Flash

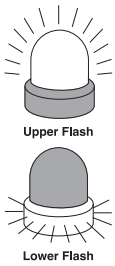


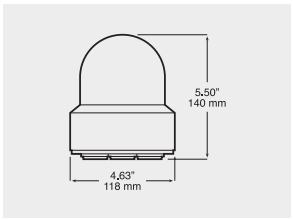
772 LED
Alternating Beacon w/Magnetic Mount

16 diodes | VIZ PACK | magnetic

- 16 bright amber diodes.
- Alternating upper and lower flashing compartments.
- 90 flashes per minute.
- Low amp draw.
- 9-16 volt operating range.
- Integral 12' coil cord and lighter socket plug.
- Mounts with three powerful magnets in base.

Order No.	Description	Pack	Std Carton
V772A	amber	Viz Pack	4



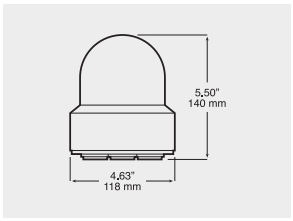


773
Alternating Beacon w/Magnetic Mount

2 bulbs | VIZ PACK | LED Version Available | magnetic

- Twin incandescent bulbs flash alternately.
- 12 volt.
- 90 flashes per minute.
- Solid-state design for reliable, silent operation.
- Mounts with three powerful magnets in base.
- 12' coil cord with lighter socket plug.
- See 772 LED version on previous page.

Order No.	Description	Pack	Std Carton
V773A	amber	Viz Pack	2
771-15A	amber replacement lens	box	1
R10W	replacement bulb		*reference only*

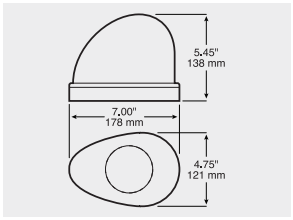


771
Economy Revolving Beacon

VIZ PACK | magnetic

- 12 volt.
- Incandescent bulb.
- 60 flashes per minute.
- Low-noise drive motor.
- Mounts with three powerful magnets in base.
- 12' coil cord with lighter socket plug.

Order No.	Description	Pack	Std Carton
V771A	amber	Viz Pack	2
V771B	blue	Viz Pack	4
771-15A	amber replacement lens	box	1
771-15B	blue replacement lens	box	1
771-15R	red replacement lens	box	1
R10W	replacement bulb		*reference only*



774
Teardrop Revolving Beacon

VIZ PACK | magnetic

- 12 volt incandescent bulb.
- 90+ flashes per minute.
- Polished rotating reflector for maximum output.
- Low-noise drive motor.
- Magnetic mount.
- 12' coil cord with lighter socket plug.

Order No.	Description	Pack	Std Carton
V774A	amber	Viz Pack	4
V774R	red	Viz Pack	4
774-15A	amber replacement lens	box	1
774-15B	blue replacement lens	box	1
774-15R	red replacement lens	box	1
1141	replacement bulb		*reference only*

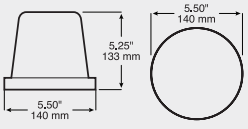
TRIPLE LENS DESIGN

763
Revolving Beacon

USA MADE · magnetic

- Low cost, magnetic-mount revolving light.
- For use with 12 volt vehicles.
- 6,600 candle power from incandescent bulb with reflector.
- Rotating reflector provides 135 flashes per minute.
- Acrylic lens.
- Rubber-covered aluminum base with 60 lb. magnet.
- Equipped with 15' straight cord and lighter socket plug with built-in on/off switch and LED indicator.
- Red and blue lenses also available by special order only.

Order No.	Description	Pack	Std Carton
763A	amber	box	1
756-15A	amber replacement lens	box	1
BB-22	replacement motor and gear	box	1
1195	replacement bulb		*reference only*

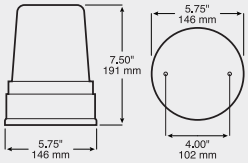


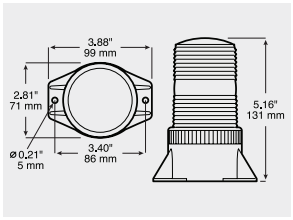
756
Revolving Light

USA MADE · magnetic · 24 Volt Version

- Available in 12 volt or 24 volt versions.
- Center-mounted 50 candle power incandescent bulb.
- 110 flashes per minute.
- Three rotating 2 1/4" polycarbonate bulls-eye lenses.
- Stainless steel base.
- 756MA includes magnetic base and lighter socket plug.

Order No.	Description	Pack	Std Carton
756A	amber, 12V	box	1
756MA	amber, 12V magnetic mount	box	1
756A24	amber, 24V	box	1
756R24	red, 24V	box	1
756-15A	amber replacement lens	box	1
756-15B	blue replacement lens	box	1
756-15R	red replacement lens	box	1
756-21	retainer	poly pack	1
756-23	gasket	poly pack	1
BB-22	replacement motor and gear	box	1
1195	replacement bulb		*reference only*



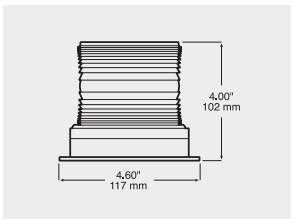


744 LED
360° Micro Strobing Beacon

6 diodes | LED Strobe | MV Multi-Volt 12V & 24V | REG Voltage Regulated

- High-performance LED strobe with compact dimensions.
- Meets SAE J845, Class 3 specifications.
- 60 quad flashes per minute.
- Six super bright diodes.
- Rugged polycarbonate lens and base.
- Low 0.5 amp maximum current draw.
- 12-80 volt operating range.
- Surface mounts with two screws or bolts.

Order No.	Description	Pack	Std Carton
744A	amber	box	1

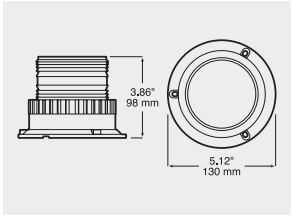


745 LED
360° Strobing Beacon

4 diodes | USA MADE | LED Strobe | MV Multi-Volt 12V & 24V

- Designed for vehicle applications where a small very bright warning light is required.
- Meets SAE J845, Class 2A specifications.
- 72 quad flashes per minute.
- Four (4) super bright diodes on sq. extrusion (1 per side).
- Polycarbonate lens and base are sonic welded.
- Low 1.2 amp maximum current draw.
- Compatible with 12V and 24V vehicles.
- Standard 3-hole mounting.

Order No.	Description	Pack	Std Carton
745A	amber	box	1



762 LED
360° Strobing Beacon

3 diodes | LED Strobe | MV Multi-Volt 12V & 24V

- 65 “double-quad” flashes per minute.
- Meets SAE J845 Class 3A specifications.
- Ideal for material handling equipment.
- Polycarbonate lens and base.
- 11-110 volt operating range.
- 11" lead wires.
- Reverse voltage protected.
- Low amp draw: 0.15@12v, .13 @48v.
- Standard 3-hole mounting on 4.57 " bolt circle.

Order No.	Description	Pack	Std Carton
762A	amber	box	1

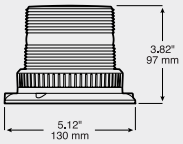
LED STROBING BEACONS

764 LED
Micro-Strobe Light

16 diodes | VIZ PACK | LED Strobe | MV Multi-Volt 12V & 24V | REG Voltage Regulated | magnetic

- 16 super bright diodes.
- 9-36 volt operating range.
- 65 triple flashes per minute.
- Meets SAE J845, Class 2A specifications.
- Solid-state design.
- Screw-on fresnel lens design with weather-resistant O-ring seal.
- Permanent mount version mounts on 3-hole, 4.57 " bolt circle using #8 screws, or on pipe with 1/2-14 American National Pipe threads.
- Magnetic mount version includes 24" coil cord and lighter socket plug.
- Replaces 766A & 766MA

Order No.	Description	Pack	Std Carton
V764MA	amber, magnetic	Viz Pack	2
764A	amber	box	1
766-25A	amber replacement lens	box	1

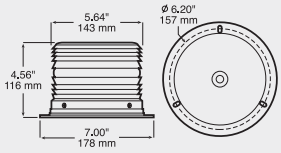


791 LED
Low Profile 360° Strobing Beacon

4 diodes | USA MADE | LED Strobe | MV Multi-Volt 12V & 24V | magnetic

- Four super-high output 2.5W LEDs.
- 360° display and 4 User-selectable patterns.
- Multivolt configuration is compatible with 12 and 24 volt systems.
- Low 0.8 amp maximum current draw.
- Meets SAE J845 Class 2A specifications.
- Polycarbonate lens and flange base.
- Magnetic-mount version has 15' cord and plug with integral switch.

Order No.	Description	Pack	Std Carton
791A	flange mount	box	1
791MA	magnetic mount	box	1
791-25A	amber replacement lens	box	1



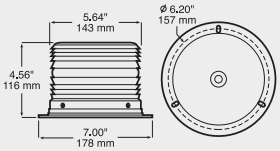
CLASS 1
SPEC

792
LED Double Flash School Bus Beacon

USA MADE | LED Strobe | MV Multi-Volt 12V & 24V

- White strobe for school bus applications
- Meets SAE J845 Class 1 specifications.
- 12-24 volt operating range.
- 70 dual flashes per minute.
- Exceeds the brightness of a typical 14–joule xenon strobe.
- Polycarbonate lens and base.
- Includes durable foam mounting gasket.

Order No.	Description	Pack	Std Carton
792C	white	box	1
L3-77	replacement strobe tube	box	1

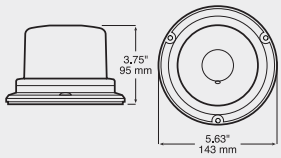


797 LED
360° Strobing Beacon

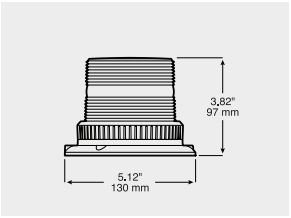
24 diodes | LED Strobe | MV Multi-Volt 12V & 24V

- Single amber quad flash function.
- Meets SAE J845 Class 2A specifications.
- Ideal for material handling equipment.
- 65 quad flashes per minute.
- Polycarbonate lens and base.
- 9-36 volt operating range.
- 18" wire lengths with strip wires.
- Reverse voltage protected.
- Low amp draw: 0.56@12v, 0.25 @28v.
- Standard 3-hole mounting.
- Replaces 767A-2 & 767A-3

Order No.	Description	Pack	Std Carton
797A	amber	box	1



PROGRAMMABLE!



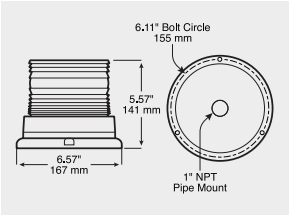
764-2 LED
Programmable Micro-Strobe Light

16 diodes | VIZ PACK | LED Strobe | MV Multi-Volt 12V & 24V | REG Voltage Regulated | magnetic

- 16 super bright diodes.
- 9–36 volt operating range.
- 3-wire, programmable design.
- Six flash patterns: steady burn, single flash, double, quad, quint, ultra.
- Meets SAE J845, Class 2A specifications.
- Solid-state design.
- Screw-on fresnel lens design with weather-resistant O-ring seal.
- Mounts on 3-hole, 4.57 " bolt circle using #8 screws, or on pipe with 1/2-14 American National Pipe threads.

Order No.	Description	Pack	Std Carton
764A-2	amber	box	1
766-25A	amber replacement lens	box	1

PROGRAMMABLE!



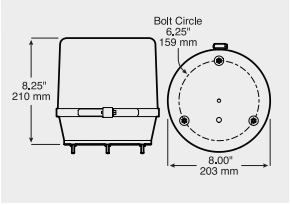
798 LED
Programmable 360° Strobing Beacon

12 diodes | LED Strobe | MV Multi-Volt 12V & 24V

- 5.6" tall.
- Meets SAE J845 Class 1A specifications in modes 2,4 & 7.
- 360° display and 20 User-selectable patterns.
- 11–28 volt operating range.
- Multivolt configuration is compatible with 12 and 24 volt systems.
- 12" cable.
- Black aluminum base.
- Permanent base mounts with pipe or 3 screws for easy, secure installation.

Order No.	Description	Pack	Std Carton
798A	amber	box	1

PROGRAMMABLE!

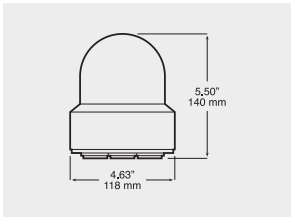


799 LED
Programmable 360° Strobing Beacon

USA MADE | LED Strobe | MV Multi-Volt 12V & 24V

- 8.25" tall.
- Ruggedized design for construction/heavy-duty applications
- Five user-selectable flash patterns:
  - ① Quad flash (72 qfpm)
  - ② Fast single flash (80 fpm)
  - ③ Slow single flash (50% on time)
  - ④ Random Flash
  - ⑤ Hex flash (60 hex bursts/min)
- Meets SAE J845 Class 1A specifications in modes 3 & 5.
- Multivolt configuration is compatible with 12 and 24 volt systems.
- Comes with mounting bolts attached to base.

Order No.	Description	Pack	Std Carton
799A	amber, pipe mount	box	1

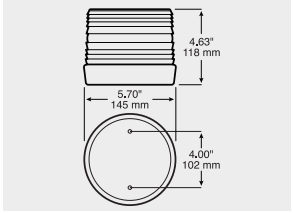


768
Economy Strobe Beacon

VIZ PACK · MV Multi-Volt 12V & 24V · magnetic

- 12 to 24 volt operating range.
- Double flash.
- 120 flashes per minute.
- Mounts with three powerful magnets in base.
- 12' coil cord with lighter socket plug.

Order No.	Description	Pack	Std Carton
V768A	amber	Viz Pack	4
771-15A	amber replacement lens	box	1



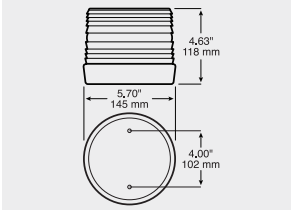
769
2 Joule Single Flash Strobe Beacon

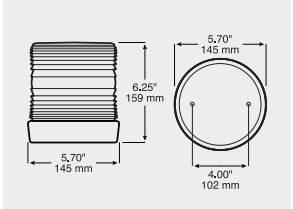
USA MADE · magnetic

- 12 volt
- 60 single flashes per minute
- 2 joule/150 candela-second brightness
- Shock-resistant rubber base, encapsulated circuitry
- Magnetic-mount model is equipped with 15' coil cord and lighter socket plug with built-in on/off switch and LED indicator.

Order No.	Description	Pack	Std Carton
769A	amber	box	1
769B	blue	box	1
769C	clear	box	1
769R	red	box	1
769MA	amber, magnetic	box	1
769-25A	amber replacement lens	box	1
769-25B	blue replacement lens	box	1
769-25C	clear replacement lens	box	1
769-25R	red replacement lens	box	1
L2-77	replacement strobe tube	box	1

769-1HA equipped with 6" tall lens





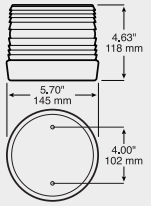
769-1
4 Joule Double Flash Strobe Beacon

USA MADE · MV Multi-Volt 12V & 24V

- 12-48 volt operating range.
- 60 double flashes per minute.
- 4 joule/300 candela-second brightness.
- Shock-resistant rubber base, encapsulated circuitry.
- See 769 strobe for replacement 4 1/2" lenses and strobe tube.

Order No.	Description	Pack	Std Carton
769-1A	amber	box	1
769-1B	blue	box	1
769-1C	clear	box	1
769-1R	red	box	1
769-1HA	amber, 6" tall	box	1
769-25HA	amber repl. 6" lens	box	1

Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com



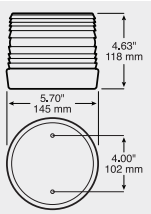
769-2
5 Joule Quad Flash Strobe Beacon

USA MADE · MV Multi-Volt 12V & 24V · magnetic

- 12-48 volt operating range.
- 65 quad flashes per minute.
- 5 joule/400 candela-second brightness.
- Shock-resistant rubber base, encapsulated circuitry.
- Magnetic-mount and equipped with 15' cord and lighter socket plug with built-in on/off switch and LED indicator.
- See 769 strobe for replacement lenses.

Order No.	Description	Pack	Std Carton
769-2MA	amber, magnetic	box	1
L2X-77	replacement strobe tube	box	1

Heavy Duty Construction

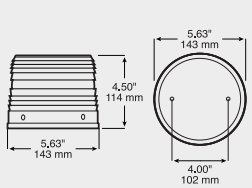


787
6 Joule Extreme Duty Strobe Beacon

USA MADE · MV Multi-Volt 12V & 24V

- Heavy duty, U-shaped strobe tube withstands high vibration.
- 12-24 volt operating range.
- 65 double flashes per minute.
- 6 joule/150 candela-second brightness.
- Polycarbonate fresnel lens.
- Shock-resistant rubber base and encapsulated circuitry resist dust, high humidity, and salt spray.
- See 769 strobe for replacement lenses.
- Blue, clear, green and red also available by special order only.

Order No.	Description	Pack	Std Carton
787A	amber	box	1
STU15AM-77	replacement strobe tube	box	1



789
10 Joule Quad Flash Strobe Beacon

USA MADE · MV Multi-Volt 12V & 24V · magnetic

- 12-24 volt operating range.
- 75 quad flashes per minute.
- 10 joule/825 candela-second brightness.
- Meets SAE Class 2A specifications.
- Corrosion-free polycarbonate base and fresnel lens.
- Magnetic-mount model is equipped with 15' cord and lighter socket plug with built-in on/off switch and LED indicator.
- See 769 strobe for replacement lenses.

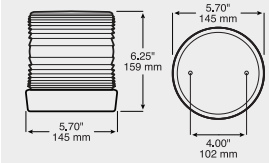
Order No.	Description	Pack	Std Carton
789A	amber	box	1
789R	red	box	1
789MA	amber, magnetic	box	1
L3-77	replacement strobe tube	box	1

Heavy Duty Construction

788
15 Joule Extreme-Duty Strobe Beacon

USA MADE | MV Multi-Volt 12V & 24V

- Heavy duty, helical, xenon strobe tube withstands high vibration.
- Anti-shock suspended fixture to further isolate strobe tube.
- 12-24 volt operating range.
- 60 double flashes per minute.
- 15 joule/900 candela-second brightness.
- Low 1.6 amp current draw.
- Meets SAE Class 1A specifications.
- 6" tall polycarbonate fresnel lens.
- Shock-resistant rubber base and encapsulated circuitry resist dust, high humidity, and salt spray.
- Blue, clear, green and red also available by special order only.

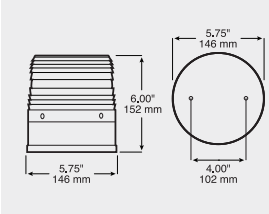


Order No.	Description	Pack	Std Carton
788A	amber	box	1
769-25HA	amber replacement lens	box	1
585-77	replacement strobe tube	box	1

790
17 Joule Quad Flash Strobe Beacon

USA MADE | MV Multi-Volt 12V & 24V

- 12-24 volt operating range.
- 70 quad flashes per minute.
- 17 joule/650 candela-second brightness.
- Meets SAE J845 Class 2A specifications.
- Powder-coated aluminum base and fresnel lens.
- See 769 strobe for replacement lenses.

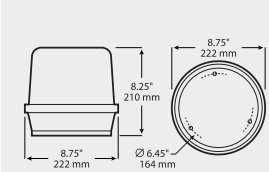


Order No.	Description	Pack	Std Carton
790A	amber	box	1
790B	blue	box	1
790C	clear	box	1
790R	red	box	1
L7-77	replacement strobe tube	box	1

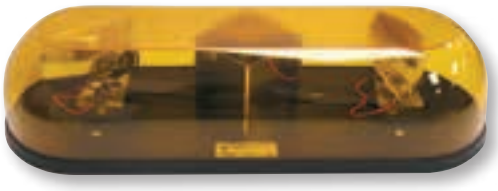
793
17 Joule Quad Flash Strobe Beacon

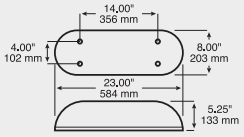
USA MADE | LED LED Version Available | MV Multi-Volt 12V & 24V

- 12-24 volt operating range.
- 70 quad flashes per minute.
- 17 joule/1200 candela-second brightness.
- Meets SAE J845 Class 2A specifications.
- Inner polycarbonate fresnel lens with outer acrylic lens cover.
- Corrosion-free polycarbonate base with stainless steel clamp ring.
- Blue, clear and red lenses also available by special order only.
- See 799A LED version on page 152.



Order No.	Description	Pack	Std Carton
793A	amber, 12-24V	box	1
755-15A	amber replacement lens	box	1
769-25C	clear inner repl. lens	box	1
L7-77	replacement strobe tube	box	1





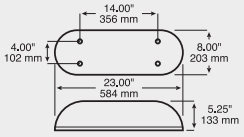
761
23" Revolving Halogen Mini Light Bar

2 bulbs · USA MADE · magnetic

- Dual 12 volt, 55-watt halogen bulbs with dual rotating reflectors.
- 270 FPM flash rate.
- Modular construction with field-replaceable lens, bulbs and motor.
- Magnetic mount model features four 75 lb. vertical pull magnets, 15' straight cord and lighter socket plug with integral on/off switch.

Order No.	Description	Pack	Std Carton
761A	amber, permanent	box	1
761MA	amber, magnetic	box	1
760-25A	amber replacement lens	box	1
VH550	halogen replacement bulb	Viz Pack	12

PROGRAMMABLE!



760
Programmable 23" Xenon Strobe Mini Light Bar

USA MADE · MV Multi-Volt 12V & 24V · magnetic

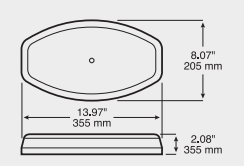
- Alternating quad-flash strobes produce 75 quad flashes per min.
- 12-24 volt operating range.
- Meets SAE J845 Class 2A specifications.
- Amber outer lens and clear fresnel lenses.
- Polycarbonate outer lens and powder-coated metal base.
- Magnetic mount model features four 45 lb. magnets, 15' straight cord and lighter socket plug with integral on/off switch.
- Permanent mount unit has 36" lead wires.

Order No.	Description	Pack	Std Carton
760A	amber, permanent	box	1
760MA	amber, magnetic	box	1
760-25A	amber repl. outer lens	box	1
760-25C	clear repl. outer lens	box	1
769-25A	amber repl. inner lens	box	1
769-25C	clear repl. inner lens	box	1
L3-77	replacement strobe tube	box	1

PROGRAMMABLE!

Quick-disconnect cord standard

Magnetic mount kit available



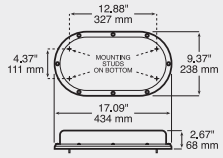
751A LED
Programmable Low Profile Strobing Mini Light Bar

24 diodes · LED Strobe · MV Multi-Volt 12V & 24V · REG Voltage Regulated · ECE & DOT · magnetic

- 360° display with 23 user-selectable patterns.
- Output meets SAE J845 Class 1A & ECE R10-04 in flash modes 10,12,13, & 15.
- Multivolt configuration is compatible with 12 and 24 volt systems.
- Mounts permanently, or use optional magnetic mount kit that includes dual-switch standard accessory plug and twin suction/magnet mounting cups.
- Integral reverse polarity protection.
- Current draw is 3.8 amps @ 12V, 1.9 amps @ 24V.
- 6 amp fuse recommended.

Order No.	Description	Pack	Std Carton
751A	amber, permanent mount	box	1
751-24K	magnetic mount kit	box	1

752MA magnetic version includes flash pattern selector switch on plug



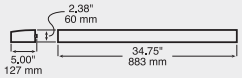
752 LED
Low Profile Strobing Mini-Bar

160 diodes | USA MADE | LED Strobe | MV Multi-Volt 12V & 24V | magnetic

- SAE J845 Class 2A light output
- Compatible with both 12 and 24 volt systems
- 2.75" low profile dome, 17.25" wide
- Low 1.4 amp maximum current draw
- Select from three different flash patterns.
- 752MA Magnetic mount version includes 15' straight cord and plug with on/off switch and flash mode selector button.
- 752 permanent mount version includes extra lead wire for flash pattern selection. Momentarily connecting this to the positive (+) lead advances the flash pattern. This can be done prior to installation or wired to a momentary switch (not included).

Order No.	Description	Pack	Std Carton
752A	permanent mount	box	1
752MA	w/ cord, plug & switch	box	1

Replacement cable available separately.



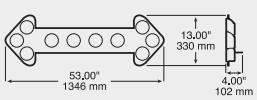
778 LED
35" Sequencing Directional Light Bar

96 diodes | USA MADE | MV Multi-Volt 12V & 24V

- Eight lamp heads.
- 12-24 volt operating range.
- Low 1.4 amp draw.
- 16 different flash modes.
- Low profile, powder-coated aluminum housing.
- Includes 25' cable, touch pad controller and two L-shaped brackets.

Order No.	Description	Pack	Std Carton
778A	amber	box	1
778-48	replacement cable	poly pack	1

Includes three-switch control box.



779-1 LED
55" Arrow Stick

LED | USA MADE | MV Multi-Volt 12V & 24V

- Ten bright, multi-volt LED lamps feature extra long life and low amp draw.
- Four traffic control flash modes—left arrow, right arrow, center lamps only, and all lamps flashing.
- Aluminum housing with black powder coat finish and horizontal mounting flange.
- Includes 25' cable and power control box.

Order No.	Description	Pack	Std Carton
779-1A	amber	box	1
M817A-9	replacement light	mfg. pack	50
779-40	replacement control box	mfg. pack	1

ECE COMPLIANT LIGHTING: SERVING MARKETS ABROAD

The United Nations Economic Commission for Europe (UNECE), founded in 1947, works to promote pan-European economic integration. The European Union (EU) works closely with the UNECE in developing its uniform vehicle equipment code for member states, so EU vehicle lighting requirements mirror UNECE standards to a great degree. Peterson's ECE-compliant lighting products are certified to meet the applicable legal requirements for road vehicles in EU member countries and in other nations around the world that subscribe to ECE vehicle equipment standards.

ECE & DOT

Product listings featuring this icon meet both DOT and ECE vehicle equipment standards, and are legal for use both in North American and ECE markets. These are listed in the various other parts of this catalog.

ECE EXPORT ONLY

Peterson manufactures the products listed in this ECE-compliant section for our customers who serve markets outside North America. Vehicle equipment regulations in the United States, Canada and Mexico differ from those in EU/ECE nations; use of these lights may violate national or local laws. US Federal regulations expressly forbid the sale of these lights domestically as replacements or substitutes for required DOT-compliant vehicle lighting equipment.

701-491
anti-flicker harness

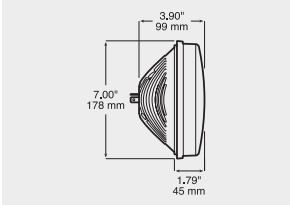
701C LED ECE-Compliant
7" (178 mm) PAR 56 Headlight

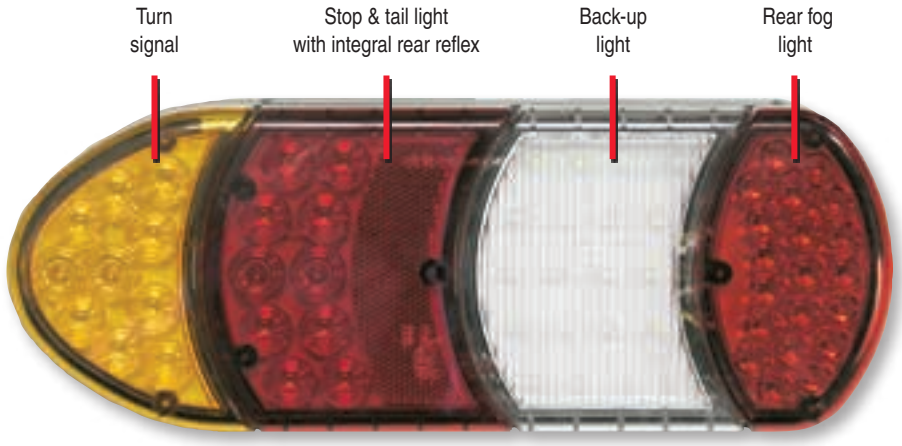
LED · USA MADE · MV Multi-Volt 12V & 24V · REG Voltage Regulated · ECE EXPORT ONLY

- LED PAR56 7-inch replacement is brighter and lasts many times longer than traditional sealed-beam headlights.
- Compliant with ECE Regs 112 & 7 for left-hand traffic.
- 1350/1700 lumen output (low/high beam).
- Built-in ECE front postion lamp function with dedicated LEDs.
- H4 connection and position lamp blade terminal integrated into housing.
- Multivolt design is compatible with both 12V and 24V systems.
- Low power consumption — 2.1A @ 12V, 1.0A @ 24V.
- 5400k~6300k color temperature closely matches natural daylight.
- UV- and impact-resistant, hard-coated polycarbonate lens.
- Includes two masking decals (required when driving in countries with right-hand traffic), along with application template and instructions.
- Requires 701-491 anti-flicker harness for use on CANBUS-equipped vehicles, including '07 and newer Jeep Wrangler.
- Does not function as a daytime running light (DRL).

Order No.	Description	Pack	Std Carton
701C-ECE-LHT	ECE for Left Hand Traffic	box	1
701-491	anti-flicker harness	poly pack	1
701-83	replacement masking decal kit	mfg. pack	1

Includes two masking decals
and application template.





End-positioned side marker light standard

1288 LED ECE-Compliant Stud-Mount Rear Cluster Light

LED · HARD WIRED · MV Multi-Volt 12V & 24V · REFLEX · ECE EXPORT ONLY

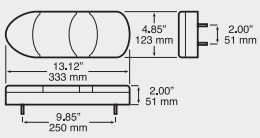
- Combination side marker, Combination tail, stop, rear fog, turn signal and back-up light.
- Integral rear reflex.
- Certified to applicable ECE regulations.
- Surface mounts with four studs.
- Universal design mounts on left or right side of vehicle.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design features 12" (300 mm) sheathed cable with a single 6-pole AMP plug for all wiring connections.
- Sealed components meet IP67 ingress protection level.
- Optional snap-in rear license plate light (not included with 1288 light).
- Individual replacement light modules sold separately.
- Replacement modules come with adhesive-filled heat-sealable connectors for corrosion resistant butt-splices to existing wiring.

Order No.	Description	Pack	Std Carton
1288	cluster light assy, stud mount	mfg. pack	10
1288C	optional white license plate module	mfg. pack	10
1288A	replacement side marker	mfg. pack	10
1288B	replacement back-up light	mfg. pack	10
1288F	replacement rear fog light	mfg. pack	10
1288R	replacement tail/stop light	mfg. pack	10
1288TA	replacement turn signal	mfg. pack	10

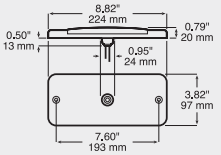
Two receptacles on either side accept optional license light

Two standard receptacle covers keep debris out

All component modules available separately for replacement of individual components.



1290-09

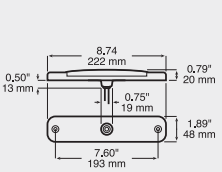


2290A-R LED ECE Compliant Combination Stop, Rear Turn & Tail Light

40 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | ECE EXPORT ONLY | CLEAR LENS COLORED LIGHT

- Updated lens design with new Fresnel-style optics.
- Direct replacements for Peterson 1290A-R light.
- Amber diodes on top, red diodes below.
- Light appears clear when unlit.
- Compliant to ECE/ADR requirements for all functions, mounted vertically or horizontally.
- Convenient, low-profile surface mounting.
- Sealed lens and housing meets IP67 ingress protection level.
- 100,000 hour rated life.
- 2 metre (78") sheathed wires.

Order No.	Description	Pack	Std Carton
2290A-R	amber & red, 40 diode	poly pack	6
M2290A-R	amber & red, 40 diode	mfg. pack	12
1290-09	black mounting bracket	mfg. pack	1
1290-24	optional mounting gasket	box	20

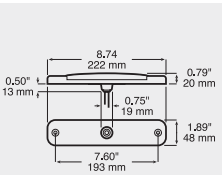


2291A-R LED ECE Compliant Combination Stop, Rear Turn & Tail Light

24 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | ECE EXPORT ONLY | CLEAR LENS COLORED LIGHT

- Updated lens design with new Fresnel-style optics.
- Direct replacements for Peterson 1291A-R light.
- Amber diodes on top, red diodes below.
- Light appears clear when unlit.
- Compliant to ECE/ADR requirements for all functions, mounted vertically or horizontally.
- Convenient, low-profile surface mounting.
- Sealed lens and housing meets IP67 ingress protection level.
- 100,000 hour rated life.
- 2 metre (78") sheathed wires.

Order No.	Description	Pack	Std Carton
2291A-R	amber & red, slimline	poly pack	6
M2291A-R	amber & red, slimline	mfg. pack	24

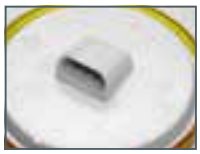


2291F-C LED ECE Compliant Combination Reverse & Rear Fog Light

16 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | ECE EXPORT ONLY | CLEAR LENS COLORED LIGHT

- Advanced lens design with Fresnel-style optics.
- Designed to compliment 2290A-R / 2291A-R.
- Light appears clear when unlit.
- Compliant to ECE/ADR requirements for all functions, mounted vertically or horizontally.
- Convenient, low-profile surface mounting.
- Sealed lens and housing meets IP67 ingress protection level.
- 100,000 hour rated life.
- 2 metre (78") sheathed wires.

Order No.	Description	Pack	Std Carton
2291F-C	white reverse & red fog	poly pack	6
M2291F-C	white reverse & red fog	mfg. pack	24

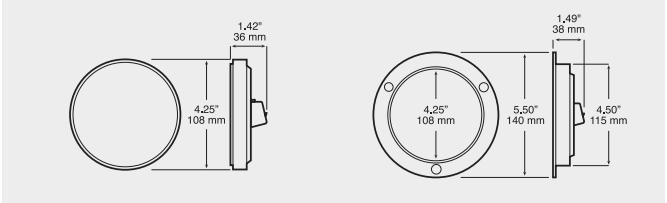


1217-9/1218-9 *LumenX*® LED ECE Compliant Round Stop/Turn/Tail Light

9 diodes | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE EXPORT ONLY

- White diodes and advanced optics fully illuminate red lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent output.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Kits include light and plug. 1217KR-9 also includes grommet.
- Sealed lens and housing meets IP67 ingress level.
- Grommet version fits 114 mm hole in material up to 6 mm.
- See pages 184–185 & 187 for mounting options.

Order No.		Description	Pack	Std Carton
1217KR-9	KIT	red kit, grommet mount	poly pack	6
1218KR-9	KIT	red kit, flange mount	poly pack	6
1217R-9		red, grommet mount	poly pack	6
1218R-9		red, flange mount	poly pack	6
426-18		rubber grommet	poly pack	12
B426-18		rubber grommet	mfg. pack	100
417-49		hardshell plug	poly pack	6
B417-49		hardshell plug	mfg. pack	100
817-49		molded plug	poly pack	12
B817-49		molded plug	mfg. pack	100

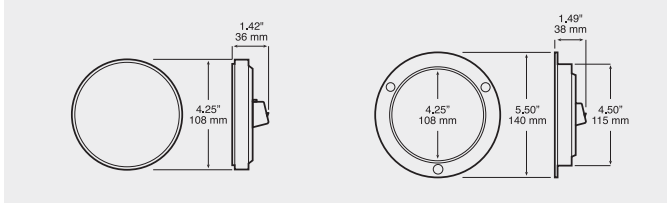


1217-9/1218-9 *LumenX*® LED ECE Compliant Round Turn Signal Light

9 diodes | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE EXPORT ONLY

- White diodes and advanced optics fully illuminate red lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent output.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Kits include light and plug. 1217KA-9 also includes grommet.
- Sealed lens and housing meets IP67 ingress level.
- Grommet version fits 114 mm hole in material up to 6 mm.
- See pages 184–185 & 187 for mounting options.

Order No.		Description	Pack	Std Carton
1217KA-9	KIT	amber kit, grommet mount	poly pack	6
1218KA-9	KIT	amber kit, flange mount	poly pack	6
1217A-9		amber, grommet mount	poly pack	6
1218A-9		amber, flange mount	poly pack	6
426-18		rubber grommet	poly pack	12
B426-18		rubber grommet	mfg. pack	100
417-48		hardshell plug	poly pack	6
B417-48		hardshell plug	mfg. pack	100
817-48		molded plug	poly pack	12
B817-48		molded plug	mfg. pack	100

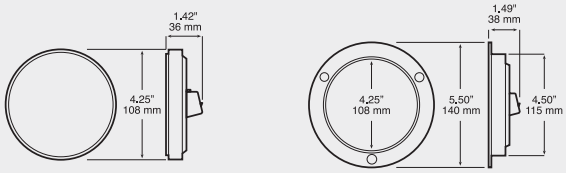


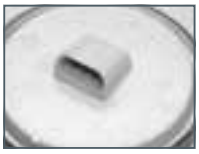
1217-9/1218-9 *LumenX*® LED ECE Compliant Round Reverse Light

9 diodes · LumenX · USA MADE · MV Multi-Volt 12V & 24V · REG Voltage Regulated · ECE EXPORT ONLY

- White diodes fully illuminate advanced optics lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent output.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Kits include light and plug. 1217KC-9 also includes grommet.
- Sealed lens and housing meets IP67 ingress level.
- Grommet version fits 114 mm hole in material up to 6 mm.
- See pages 184–185 & 187 for mounting options.

Order No.		Description	Pack	Std Carton
1217KC-9	KIT	white kit, grommet mount	poly pack	6
1218KC-9	KIT	white kit, flange mount	poly pack	6
1217C-9		white, grommet mount	poly pack	6
1218C-9		white, flange mount	poly pack	6
426-18		rubber grommet	poly pack	12
B426-18		rubber grommet	mfg. pack	100
417-48		hardshell plug	poly pack	6
B417-48		hardshell plug	mfg. pack	100
817-48		molded plug	poly pack	12
B817-48		molded plug	mfg. pack	100



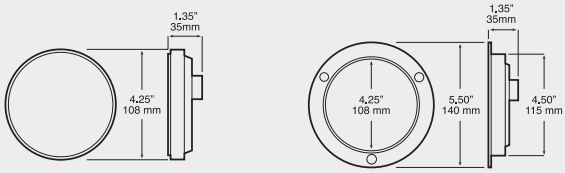


1217-9 / 1218-9 LED ECE Compliant Round Rear Fog Light

9 diodes · LumenX · USA MADE · MV Multi-Volt 12V & 24V · REG Voltage Regulated · ECE EXPORT ONLY

- Replaces part nos. 1217F & 1218F.
- 108 mm (4-1/4") round rear fog light.
- Certified to meet ECE requirements.
- Does not require "top" positioning.
- Sealed lens and housing meets IP67 ingress level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Grommet fits 114 mm hole in material up to 6 mm.
- See pages 184–185 & 187 for mounting options.

Order No.	Description	Pack	Std Carton
1217F-9	clear w/red diodes	poly pack	6
1218F-9	clear w/ red diodes, flange mnt.	poly pack	6
426-18	rubber grommet	poly pack	12
B426-18	rubber grommet	mfg. pack	100
417-48	hardshell plug	poly pack	6
B417-48	hardshell plug	mfg. pack	100
817-48	molded plug	poly pack	12
B817-48	molded plug	mfg. pack	100



Clear lens with clear diodes
that light up red and amber.

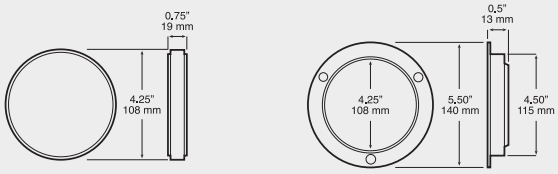
Clear lens with clear diodes
that light up red and white.

1217A-R/1218A-R LED ECE Compliant Combination Stop, Rear Turn & Tail Light

20 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE EXPORT ONLY | CLEAR LENS COLORED LIGHT

- 108 mm (4-1/4") round rear combination light.
- Turn function in upper half, tail and stop functions in lower half.
- Clear lens with clear diodes that light up amber and red.
- Certified to meet ECE requirements for all functions.
- Sealed lens and housing meets IP67 ingress level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Available in grommet mount or flange mount version.
- Grommet version fits 114 mm hole in material up to 6 mm.
- See pages 184–185 & 187 for mounting options.

Order No.	Description	Pack	Std Carton
1217A-R	combo, grommet mt., 2m leads	mfg. pack	50
1217A-R-SW	combo, grommet mt., 12" leads	mfg. pack	50
1218A-R	combo, flange mount, 2m leads	mfg. pack	50
1218A-R-SW	combo, flange mount, 12" leads	mfg. pack	50
426-18	rubber grommet	poly pack	12
B426-18	rubber grommet	mfg. pack	100

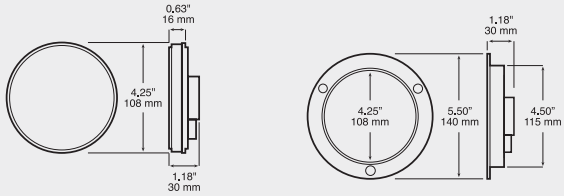


1217F-C LED ECE Compliant Combination Reverse & Rear Fog Light

40 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE EXPORT ONLY | CLEAR LENS COLORED LIGHT

- 108 mm (4-1/4") round rear combination light.
- Rear fog function in upper half, reverse function in lower half.
- Clear lens with clear diodes that light up red and white.
- Certified to meet ECE requirements for all functions.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design features 12" (300 mm) leads.
- Grommet version fits 114 mm hole in material up to 6 mm.
- See pages 184–185 & 187 for mounting options.

Order No.	Description	Pack	Std Carton
1217F-C	red/white combo	mfg. pack	50
1218F-C	red/white combo, flange mount	mfg. pack	50
426-18	rubber grommet	poly pack	12
B426-18	rubber grommet	mfg. pack	100



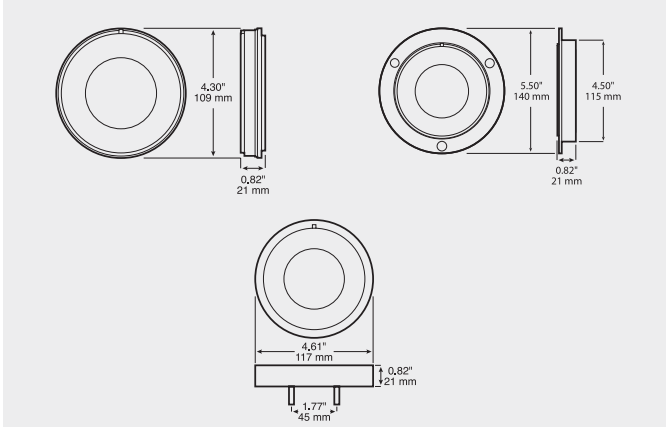
2217A-R/2218A-R/2219A-R LED ECE Compliant Combination Stop, Rear Turn & Tail Light

18 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | ECE EXPORT ONLY

- 108 mm (4-1/4") round rear combination light.
- Turn function in center, tail and stop functions in outer ring.
- Certified to meet ECE requirements for all functions.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design features 12" (300 mm) leads.
- Grommet version fits 114 mm hole in material up to 6 mm.

Order No.	Description	Pack	Std Carton
2217A-R	red/amber combo, grommet mt.	mfg. pack	50
2218A-R	red/white combo, flange mount	mfg. pack	50
2219A-R	red/white combo, stud mount	mfg. pack	50
426-18	rubber grommet	poly pack	12
B426-18	rubber grommet	mfg. pack	100

2219A-R features two mounting studs on rear



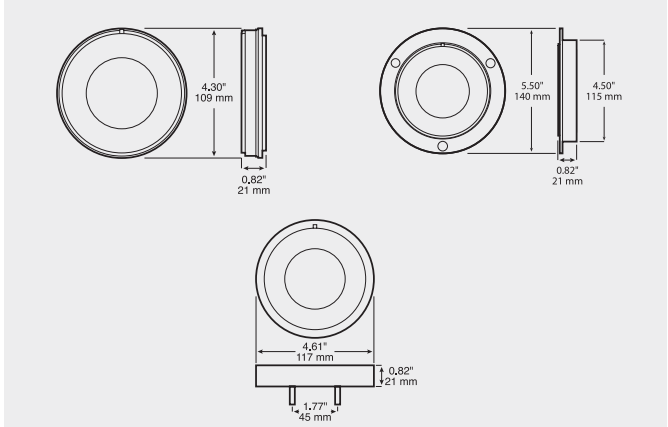
2217F-C/2218F-C/2219F-C LED ECE Compliant Combination Reverse & Rear Fog Light

18 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | ECE EXPORT ONLY

- 108 mm (4-1/4") round rear combination light.
- Reverse function in center, rear fog function in outer ring.
- Certified to meet ECE requirements for all functions.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design features 12" (300 mm) leads.
- Grommet version fits 114 mm hole in material up to 6 mm.

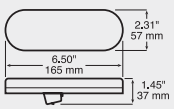
Order No.	Description	Pack	Std Carton
2217F-C	red/white combo, grommet mount	mfg. pack	50
2218F-C	red/white combo, flange mount	mfg. pack	50
2219F-C	red/white combo, stud mount	mfg. pack	50
426-18	rubber grommet	poly pack	12
B426-18	rubber grommet	mfg. pack	100

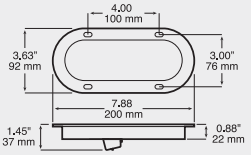
2219F-C features two mounting studs on rear



1220/1223 *LumenX*® LED ECE Compliant Oval Tail & Stop Light

10 diodes | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE EXPORT ONLY



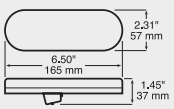


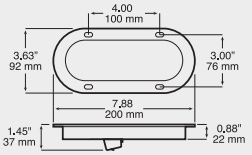
- Certified to meet ECE requirements in horizontal or vertical position.
- AMP-compatible connector integrated into housing.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Kits include light and plug. 1220KR-10 also includes grommet.
- Sealed lens and housing meets IP67 ingress level.
- Grommet version fits material up to 6 mm.

Order No.		Description	Pack	Std Carton
1220KR-10	KIT	red kit, grommet	poly pack	6
1223KR-10	KIT	red kit, flange mount	poly pack	6
1220R-10		red, grommet	poly pack	6
1223R-10		red, flange	poly pack	6
B421-18		rubber grommet	mfg. pack	100
B417-49		hardshell plug	mfg. pack	100

1220/1223 *LumenX*® LED ECE Compliant Oval Front Turn Signal Light

10 diodes | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE EXPORT ONLY



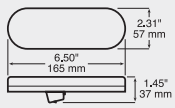


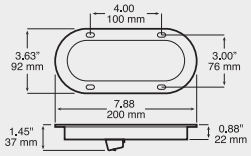
- Certified to meet ECE requirement for front & rear turn indicator when mounted in vertical or horizontal orientation.
- Integrated AMP-compatible receptacle, meets IP67 ingress level
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Kits include light and plug. 1220KA-10 also includes grommet.
- Grommet version fits material up to 6 mm.

Order No.		Description	Pack	Std Carton
1220KA-10	KIT	amber kit, grommet	poly pack	6
1223KA-10	KIT	amber kit, flange	poly pack	6
1220A-10		amber, grommet	poly pack	6
1223A-10		amber, flange	poly pack	6
B421-18		rubber grommet	mfg. pack	100
B417-48		hardshell plug, 2-wire	mfg. pack	100

1220/1223 *LumenX*® LED ECE Compliant Oval Reverse Light

10 diodes | LumenX | USA MADE | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE EXPORT ONLY





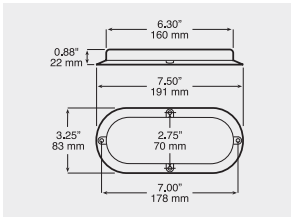
- Certified to meet ECE requirement for reverse light function when mounted in vertical or horizontal orientation.
- Integrated AMP-compatible receptacle, meets IP67 ingress level
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Kits include light and plug. 1220KC-10 also includes grommet.
- Grommet version fits material up to 6 mm.

Order No.		Description	Pack	Std Carton
1220KC-10	KIT	white kit, grommet mount	poly pack	6
1223KC-10	KIT	white kit, flange mount	poly pack	6
1220C-10		white, grommet mount	poly pack	6
1223C-10		white, flange mount	poly pack	6
B421-18		rubber grommet	mfg. pack	100
B417-48		hardshell plug, 2-wire	mfg. pack	100

1223-4 LED ECE Compliant Surface Mount Rear Tail & Stop Light

11 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE EXPORT ONLY

Shown with B423-11 chrome bezel installed, available separately.



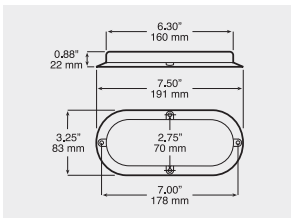
- Oval design w/ black surface-mount housing & optional chrome bezel.
- Certified to meet ECE requirements in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design with 8" lead wires.
- Convenient surface mounting with four screws.
- See matching amber rear turn signal below.
- Attractive chrome bezel available separately.

Order No.	Description	Pack	Std Carton
1223R-4	red tail & stop	mfg. pack	50
423-11	chrome bezel	poly pack	12
B423-11	chrome bezel	mfg. pack	50

1223-4 LED ECE Compliant Surface Mount Rear Turn Signal Light

11 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE EXPORT ONLY

Shown with B423-11 chrome bezel installed, available separately.



- Oval design w/ black surface-mount housing & optional chrome bezel.
- Certified to meet ECE requirements in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design with 8" lead wires.
- Convenient surface mounting with four screws.
- See matching red rear stop and tail light above.
- Attractive chrome bezel available separately.

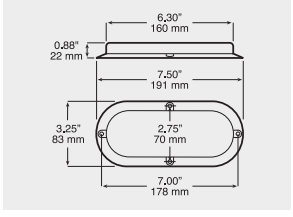
Order No.	Description	Pack	Std Carton
1223A-4	amber rear turn signal	mfg. pack	50
423-11	chrome bezel	poly pack	12
B423-11	chrome bezel	mfg. pack	50

1223 LED ECE Compliant Surface Mount Combination Stop, Rear Turn & Tail Light

20 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | ECE EXPORT ONLY | CLEAR LENS COLORED LIGHT

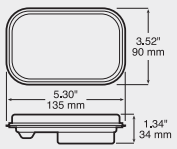
Clear lens with clear diodes that light up red and amber.

Shown with B423-11 chrome bezel installed, available separately.



- Oval design w/ black surface-mount housing & optional chrome bezel.
- Clear lens with clear diodes that light up red and amber.
- Certified to meet ECE requirements for all functions in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design with 8" lead wires.
- Convenient surface mounting with four screws.
- See matching red rear stop and tail light above.

Order No.	Description	Pack	Std Carton
1223A-R-MV	red/amber combo, multi-volt	mfg. pack	50
423-11	chrome bezel	poly pack	12
B423-11	chrome bezel	mfg. pack	50

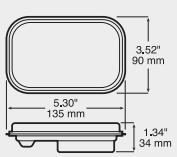


850R LED ECE Compliant Rectangular Tail & Stop Light

11 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE & DOT

- Certified to meet both FMVSS 108 (USA) & ECE (European) requirements in horizontal or vertical position.
- Available with 12" or 2 meter (6½-ft.) hardwired leads.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- 850R-1P has hardwired PL3 plug.
- Grommet fits material up to 6 mm.
- Also fits surface-mount cluster pods. See page 189.

Order No.	Description	Pack	Std Carton
P850R-1	red, 12" leads	poly pack	6
850R	red, 2 meter leads	mfg. pack	10
850R-1	red, 12" leads	mfg. pack	10
850R-1P	red, 10" leads w/ plug	mfg. pack	10
850-18	rubber grommet	poly pack	12
B850-18	rubber grommet	mfg. pack	50

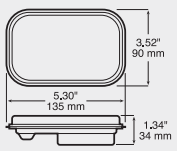


850A LED ECE Compliant Rectangular Rear Turn Signal Light

11 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE & DOT

- Certified to meet ECE requirements in horizontal or vertical position.
- Available with 12" or 2 meter (6½-ft.) hardwired leads.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Potted, hardwired terminals for durability.
- 850A-1P has hardwired PL3 plug.
- Grommet fits material up to 6 mm.
- Also fits surface-mount cluster pods. See page 189.

Order No.	Description	Pack	Std Carton
P850A-1	amber, 12" leads	poly pack	6
850A	amber, 2 meter leads	mfg. pack	10
850A-1	amber, 12" leads	mfg. pack	10
850A-1P	amber, 10" leads w/ plug	mfg. pack	10
850-18	rubber grommet	poly pack	12
B850-18	rubber grommet	mfg. pack	50



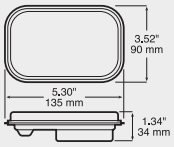
850F LED ECE Compliant Rectangular Rear Fog Light

20 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE EXPORT ONLY

- Certified to meet ECE requirements in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Equipped with 12" (300 mm) sheathed leads.
- Grommet fits material up to 6 mm.
- Also fits surface-mount cluster pods. See page 189.

Order No.	Description	Pack	Std Carton
850F-SW	clear lens with red diodes	mfg. pack	10
850-18	rubber grommet	poly pack	12
B850-18	rubber grommet	mfg. pack	50

Clear lens with diodes that light up red and amber.



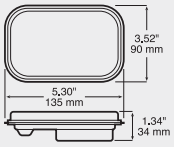
851A-R LED ECE Compliant Combination Stop, Rear Turn & Tail Light

20 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE EXPORT ONLY | CLEAR LENS COLORED LIGHT

- Turn function in upper half, tail and stop functions in lower half.
- Clear lens with diodes that light up red and amber.
- Certified to meet ECE requirements for all functions.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Available with 12" or 2 meter (6½-ft.) hardwired leads.
- Also fits surface-mount cluster pods. See page 189.

Order No.	Description	Pack	Std Carton
P851A-R-SW	amber/red combo, 12" leads	poly pack	6
851A-R	amber/red combo, 2m leads	mfg. pack	10
851A-R-SW	amber/red combo, 12" leads	mfg. pack	10
850-18	rubber grommet	poly pack	12
B850-18	rubber grommet	mfg. pack	50

Clear lens with clear diodes that light up red and white.

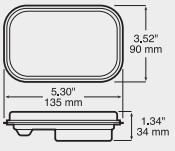


851F-C LED ECE Compliant Combination Reverse & Rear Fog Light

44 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE EXPORT ONLY | CLEAR LENS COLORED LIGHT

- Rear fog function in upper half, reverse function in lower half.
- Clear lens with diodes that light up red and white.
- Certified to meet ECE requirements in vertical position.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Equipped with 12" sheathed leads.
- Also fits surface-mount cluster pods. See page 189.

Order No.	Description	Pack	Std Carton
851F-C-SW	red, white combo	mfg. pack	10
850-18	rubber grommet	poly pack	12
B850-18	rubber grommet	mfg. pack	50

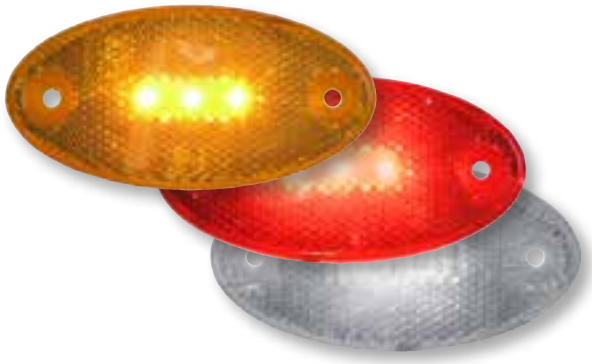


850C LED ECE+DOT Compliant Rectangular Reverse Light

20 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REG Voltage Regulated | ECE & DOT

- 2 versions available for either horizontal or vertical mounting.
- Meets DOT & ECE requirements when mounted as specified.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Available with 12" or 2 meter (6½-ft.) hardwired leads.
- 850C-1P has hardwired PL3 plug.
- Also fits surface-mount cluster pods. See page 189.

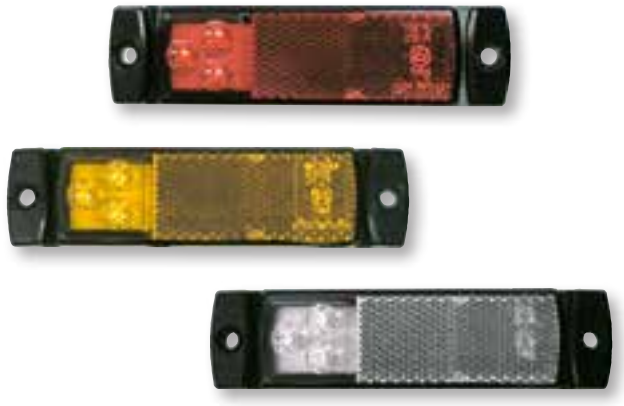
Order No.	Description	Pack	Std Carton
P850C-1	vertical, 12" leads	poly pack	6
850C	vertical, 2m leads	mfg. pack	10
850C-1	vertical, 12" leads	mfg. pack	10
850C-1P	vertical, 12" leads, with plug	mfg. pack	10
850C-AMP	vertical, with AMP shroud	mfg. pack	10
850HC-1	horizontal, 12" leads	mfg. pack	10
850-18	rubber grommet	poly pack	12
B850-18	rubber grommet	mfg. pack	50



1200-09H

B1200-09X bezel

Optional mounting bracket and chrome bezel are shown with 1200A lights installed; sold separately.

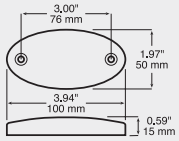


1200 LED ECE Compliant Oval Side Marker / Outline Lights w/ Reflex

2/3 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REFLEX | ECE EXPORT ONLY

- Low-profile, sealed design with integral reflex function.
- 1200C has two diodes, 1200A and 1200R have three diodes.
- Certified to applicable ECE regulations.
- Side marker meets ECE regulations mounted horizontally or vertically.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Meets IP67 ingress protection level.
- Hardwired design has 12" (300mm) sheathed leads.
- See page 190 for bracket and bezel dimensions.

Order No.	Description	Pack	Std Carton
P1200A	amber side marker	poly pack	12
P1200C	white front outline marker	poly pack	12
P1200R	red rear outline marker	poly pack	12
1200A	amber side marker	mfg. pack	50
1200A-AMP	amber w/ AMP shroud	mfg. pack	50
1200C	white front outline marker	mfg. pack	50
1200C-AMP	white w/ AMP shroud	mfg. pack	50
1200R	red rear outline marker	mfg. pack	50
1200R-AMP	red w/ AMP shroud	mfg. pack	50
1200-09H	horizontal mount bracket	mfg. pack	400
1200-09X	chrome bezel	poly pack	12
B1200-09X	chrome bezel	mfg. pack	50

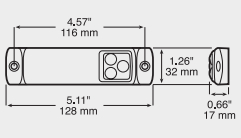


1203 LED ECE+DOT Compliant Marker & Outline Lights w/ Integral Reflex

3 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | REFLEX | ECE & DOT

- LED marker lights feature 3 diodes and integral reflex.
- Red and amber lights meet both ECE and DOT requirements.
- White light certified to meet ECE front outline marker standard.
- Mounts on 4.5" centers to any flat, vertical surface.
- Hardwired design has 12" (300mm) sheathed leads.
- "-PKD" versions have Packard-compatible hardshell connector.
- 9–32 volt operating range.

Order No.	Description	Pack	Std Carton
P1203A	amber side marker	poly pack	12
P1203C	white front outline marker	poly pack	12
P1203R	red rear outline marker	poly pack	12
1203A	amber, stripped leads	mfg. pack	50
1203A-PKD	amber w/ hardshell connector	mfg. pack	50
1203C	white front outline marker	mfg. pack	50
1203C-PKD	white w/ hardshell connector	mfg. pack	50
1203R	red rear outline marker	mfg. pack	50
1203R-PKD	red w/ hardshell connector	mfg. pack	50



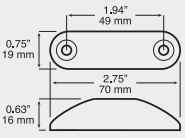
1268R-MV mounted in 168-10 bezel

1268 Series LED ECE Compliant Side Marker / Outline Lights

2/4 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | ECE EXPORT ONLY | CLEAR LENS COLORED LIGHT

- Equipped with two diodes except 1268A-MTC, which has four.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Certified to applicable ECE and ADR regulations.
- 1268A-MTC meets ECE Reg 6, Cat 5 for supplementary side direction indicator and comes equipped with 2.5 meter leads.
- Hardwire design features sheathed, stripped leads.
- 168-09 bracket mounts 1268-series lights on 1.125" (29 mm) centers.
- See pages 178–179 for bracket and bezel dimensions.

Order No.		Description	Pack	Std Carton
P1268A-MV		amber, 2 m leads	poly pack	12
P1268A-MVC		amber w/clear lens, 2 m leads	poly pack	12
P1268R-MV		red, 2 m leads	poly pack	12
P1268R-MVC		red w/clear lens, 2 m leads	poly pack	12
P1268W-MV		white lens, 2 m leads	poly pack	12
1268A-MV		amber, 2 m leads	mfg. pack	50
1268A-MVC		amber w/clear lens, 2 m leads	mfg. pack	50
1268A-MVC-BT2		amber w/ clr lens, .180 bullets	mfg. pack	50
1268A-MTC		amber w/clear lens, 2.5 m	mfg. pack	50
1268R-MV		red, 2 m leads	mfg. pack	50
1268R-MVC		red w/clear lens, 2 m leads	mfg. pack	50
1268W-MV		white lens, 2 m leads	mfg. pack	50
168-09		bracket, black	poly pack	12
168-092K	KIT	alum. brush guard & gasket kit	poly pack	12
168-10K	KIT	chrome bezel & gasket kit	poly pack	12
168-18		mounting gasket	poly pack	12
B168-09		bracket, black	mfg. pack	100
B168-092	KIT	alum. brush guard & gasket kit	mfg. pack	100
B168-10		chrome bezel	mfg. pack	100
B168-18		gasket for use w/o bracket	mfg. pack	100
B168-181		gasket for use with B168-092	mfg. pack	100
B168-182		gasket for use with B168-10	mfg. pack	100

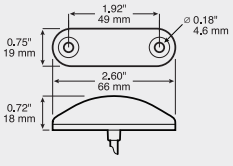


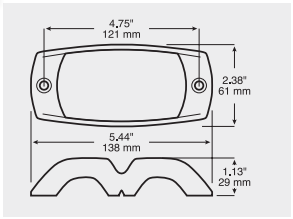
2268 LED ADR Compliant Combination Side Marker Light

2 diodes | HARD WIRED | MV Multi-Volt 12V & 24V | CLEAR LENS COLORED LIGHT

- ***Certified to applicable ADR (Australian Design Rules) regulations. NOT ECE COMPLIANT***
- Welded rear housing, advanced surface-mount diodes, and more precise separation between red and amber illumination.
- Amber and red diodes behind clear lens
- Low profile, narrow surface-mount design suits narrow rails.
- Meets IP67 ingress rating.
- Hardwired design features 18-gauge leads.
- 2268A-R-MV has 2.5 meter leads. 2268A-R-MV-BT2 has 200 mm leads.
- Flat-wire sheathed cable for simplified crimp connections, less bulk.
- Multiple mounting hardware options.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Recommended fastening: 4 mm screw.
- 168-09 bracket mounts 2268 lights on 1.125" (29 mm) centers.
- See pages 178–179 for bracket and bezel dimensions.

Order No.		Description	Pack	Std Carton
P2268A-R-MV		2.5 m / 98.5" stripped leads	poly pack	12
P2268A-R-MV-BT2		200 mm / 8", .180 bullets.	poly pack	12
2268A-R-MV		2.5 m / 98.5" stripped leads	mfg. pack	50
2268A-R-MV-BT2		200 mm / 8", .180 bullets.	mfg. pack	50
B168-09		bracket, black	mfg. pack	100
B168-092	KIT	alum. brush guard & gasket kit	mfg. pack	100
B168-10		chrome bezel	mfg. pack	100
B168-181		gasket for use with B168-092	mfg. pack	100
B168-182		gasket for use with B168-10	mfg. pack	100
B2268-18		gasket for use w/o bracket	mfg. pack	100



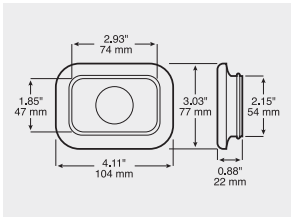


106
Chrome Guard

VIZ PACK

- Accessorizes 38, 108, 130, and 138 series lights.
- Sturdy die-cast guard provides added protection for oblong lights.
- Chrome plated for beauty and durability.
- Fits most PM oblong lights as well as competitive models.

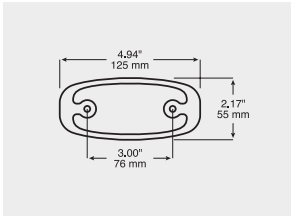
Order No.	Description	Pack	Std Carton
V106-09	chrome	Viz Pack	6
B106-09	chrome	mfg. pack	60



127
Flush Mount Grommet

- Flush mounts 127 and 129 clearance light to vehicle.
- Recommended hole size for 1/8" thick plate: 3.5" x 2.4" with 7/16" radius corners.
- Requires 142-49 or B142-49 plug for incandescent light installation.

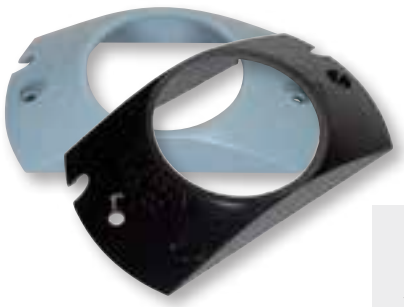
Order No.	Description	Pack	Std Carton
127-18	black	poly pack	24
B127-18	black	mfg. pack	100

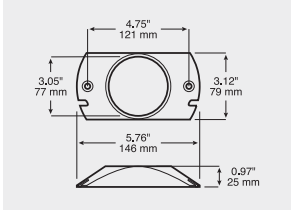


133
Chrome Bezel

- Fits 133 clearance light to vehicle.
- Attractive chrome finish.
- Mounts on 3" centers.

Order No.	Description	Pack	Std Carton
B133-10	chrome	mfg. pack	50



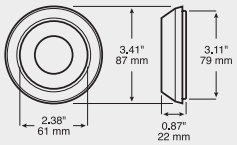


142
Surface Mount Bracket for 2½" Round Lights

USA MADE

- Allows grommet-mount 2.5" clearance/marker lights to be surface mounted
- Branch deflector design protects light unit.
- Constructed of UV and corrosion resistant plastic
- Available in gray or black.
- Requires 143-18 or 144-18 grommet to complete installation.

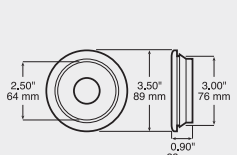
Order No.	Description	Pack	Std Carton
142-09	gray	poly pack	12
B142-091	black	mfg. pack	100



142
2 1/2" Edge Mount Grommet

- Provides edge mounting of 2 1/2" sealed lights.
- Ideal for mounting PC-rated lights.
- Fits 2 25/32" mounting hole.
- Requires 142-49 plug to complete installation.

Order No.	Description	Pack	Std Carton
B142-17	open back	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100



142
2 1/2" Grommet

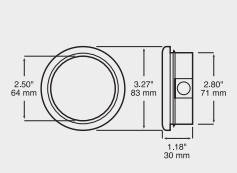
USA MADE

- Allows 2 1/2" diameter sealed units to be flush mounted.
- Fits 72, 142, 143, 162, 163, 192, 193, 196, and 197 series lights.
- Fits 3" mounting hole.
- Installation of lights with PL10 plug requires 142-49 or 162-49 plug.
- Kit contains 142-18 grommet, 142-49 plug and grounding screw.

Order No.		Description	Pack	Std Carton
142-18		open back	poly pack	24
142-18K	KIT	open back, kit	poly pack	12
B142-18		open back	mfg. pack	100
142-49		plug	poly pack	12
B142-49		plug	mfg. pack	100

143-18

144-18

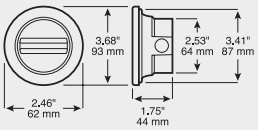


143/144
2 1/2" Grommet

USA MADE

- Mounts 2 1/2'" diameter sealed units.
- Fits 72, 142, 143, 162, 163, 173, 175, 192, 193, 196, and 197 series lights.
- Fits 2 25/32" mounting hole.
- Installation of lights with PL10 plug requires 142-49 or 162-49 plug.
- Kit contains 143-18 grommet, 142-49 plug and grounding screw.
- Closed back unit is recommended for open installations where splash plate is not used.

Order No.		Description	Pack	Std Carton
143-18		open back	poly pack	24
143-18K	KIT	open back, kit	poly pack	12
144-18		closed back	poly pack	24
B143-18		open back	mfg. pack	100
B144-18		closed back	mfg. pack	100
142-49		plug	poly pack	12
B142-49		plug	mfg. pack	100

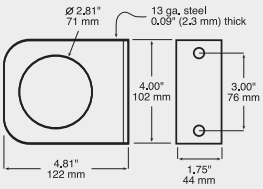


143
2 1/2" Closed Back Grommet

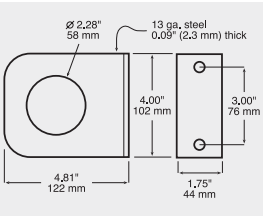
USA MADE

- Closed back protects terminals from wheel splash.
- Fits 72, 142, 143, 162, 163, 173, 175, 192, 193, 196, and 197 series lights.
- Fits 3" mounting hole.
- Installation of lights with PL10 plug requires 142-49 or 162-49 plug.
- Easy access side entry for plug.

Order No.	Description	Pack	Std Carton
B143-17	closed back	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100



143-092



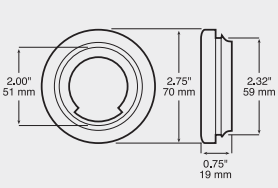
146-092

143/146
L-Mount Brackets

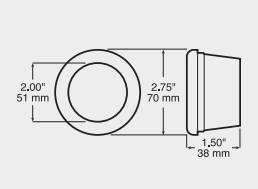
USA MADE

- Brackets mount either 2-inch diameter or 2.5-inch diameter grommet-mount lights perpendicular to any flat surface.
- Heavy-gauge steel construction.
- Rugged black power coated finish.
- 143-092 accepts 142-18, 143-18 & 144-18 grommets.
- 146-092 accepts 146-18, 146-182 & 146-184 grommets.

Order No.	Description	Pack	Std Carton
143-092	accepts 2.5" lights	mfg. pack	6
146-092	accepts 2" lights	mfg. pack	6



146-18



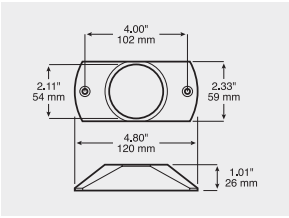
146-182

146
2" Grommets

USA MADE

- Allows 2" diameter sealed units to be flush mounted.
- Fits 146, 166, 164, 165, 194, 195, 198, and 199 series lights.
- Fits 2 5/16" mounting hole in panels up to 0.25" thick.
- Installation of lights with PL10 plug requires 142-49 or 162-49 plug.
- Kit includes 146-18 grommet, 142-49 plug and grounding screw.
- Closed back unit is recommended for open installations where splash plate is not used.

Order No.		Description	Pack	Std Carton
146-18		open back	poly pack	24
146-18K	KIT	open back, kit	poly pack	12
146-182		closed back	poly pack	24
B146-18		open back	mfg. pack	100
B146-182		closed back	mfg. pack	100
142-49		plug	poly pack	12
B142-49		plug	mfg. pack	100

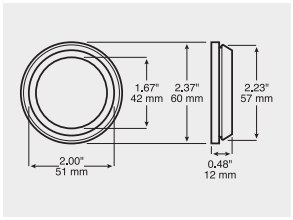


146
Surface Mount Bracket for 2" Round Lights

USA MADE

- Allows grommet-mount 2" clearance/marker lights to be surface mounted
- Branch deflector design protects light unit.
- Constructed of UV and corrosion resistant plastic.
- Fits 2" diameter round sealed lights.
- Requires 146-181 grommet and appropriate plug for installation.

Order No.	Description	Pack	Std Carton
146-09	gray	poly pack	12
B146-09	gray	mfg. pack	100
B146-093	black	mfg. pack	100
146-181	grommet	poly pack	48
B146-181	grommet	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100



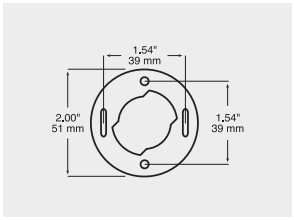
146
2" Grommet

USA MADE

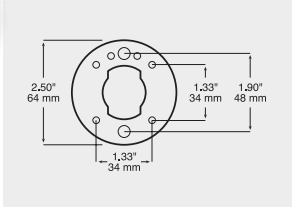
- Mounts 2" diameter sealed units in 146-09 surface mount bracket.

Order No.	Description	Pack	Std Carton
146-181	open back	poly pack	48
B146-181	open back	mfg. pack	100

2593



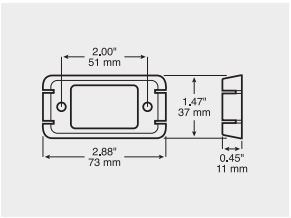
2594



146/142
Cam-On Surface Mount Brackets

- Allows 2" or 2 1/2" lamps to be surface mounted.
- Stainless steel construction.
- Easy cam-on, cam-off installation for incandescent or LED lights.
- Requires 142-49 or 162-49 plug to complete installation.
- Mounts with two screws.

Order No.	Description	Pack	Std Carton
2593	2" LED & incandescent	mfg. pack	100
2594	2 1/2" LED & incandescent	mfg. pack	100

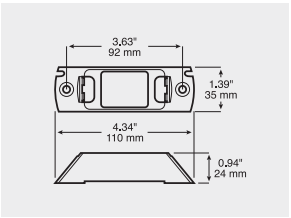


150
Mounting Brackets

USA MADE

- Allows 150, 152, and 203 series lights to be surface mounted.
- Gray, chrome or black finish.
- Mounts on 2" centers.
- Requires 142-49 2-wire plug for electrical connection.
- Pack includes bracket, gasket and mounting screws.

Order No.	Description	Pack	Std Carton
150-09	gray	poly pack	12
150-10	chrome	poly pack	12
150-13	black	poly pack	12
142-49	plug w/ 6" leads	poly pack	12
B142-49	plug w/ 6" leads	mfg. pack	100

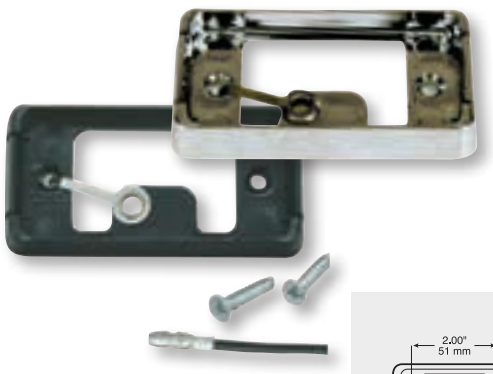


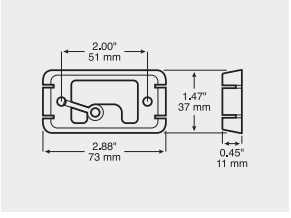
150
Surface Mount Bracket

USA MADE

- White ABS construction.
- Allows 150, 153, and 203 series lights to be surface mounted.
- Mounts on 3 5/8" centers.
- 150 and 203 series require 142-49 2-wire plug for electrical connection.
- 153 series require 153-49 plug, except 153C which is hardwired.

Order No.	Description	Pack	Std Carton
150-091	white	poly pack	12
B150-091	white	mfg. pack	50
142-49	plug w/ 6" leads – 150, 203 series	poly pack	12
B142-49	plug w/ 6" leads – 150, 203 series	mfg. pack	100
153-49	plug w/ 6" leads – 153 series	poly pack	12
B153-49	plug w/ 6" leads – 153 series	mfg. pack	100

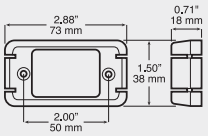




150
Chassis Mounting Kits

- Allows 150 series lights to be surface mounted.
- Available in chrome and black.
- Mounts on 2" centers.
- Grounds through mounting hardware.
- Kit includes bracket, gasket, mounting screws and 17" lead wire with .156 bullet terminal.

Order No.	Description	Pack	Std Carton
150-092	black kit	poly pack	12
150-102	chrome kit	poly pack	12
B150-12	chassis/chrome bracket	mfg. pack	100



150
Surface Mount Bracket

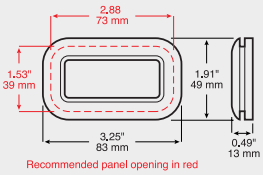
USA MADE

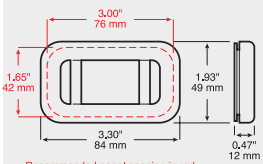
- Allows 153, 203, and 253 series lights to be surface mounted.
- 153 light requires 153-49 plug for installation.
- Also accepts 150 style light with 142-49 plug when vehicle surface is cut out to clear plug.

Order No.	Description	Pack	Std Carton
150-095	black	poly pack	12
B150-095	black	mfg. pack	100

150-18

150-181

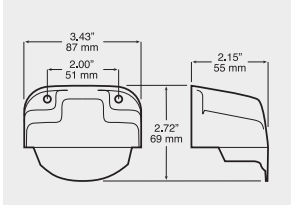




150
Mounting Grommets

- Allows flush mounting of 150 or 153 series light on metallic or non-metallic surfaces.
- B150-18 also accepts 152 light.
- 150 and 203 series require 142-49 2-wire plug for electrical connection.
- 153 series require 153-49 plug, except 153C which is hardwired.
- Hole spec for 150-18: 2.88" x 1.53" x 11/64" max panel thickness.
- Hole spec for 150-181: 3.00" x 1.65" x 1/4" max panel thickness.
- 153-181 is identical to 150-18, but designed to provide better water sealing.

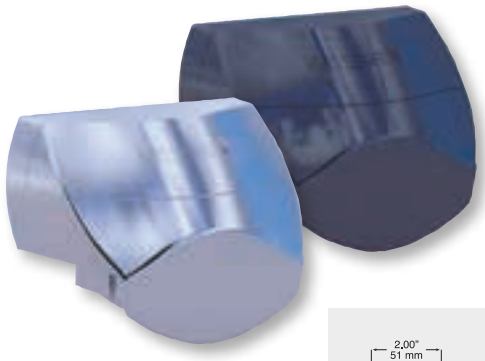
Order No.	Description	Pack	Std Carton
B150-18	black	mfg. pack	100
B150-181	black	mfg. pack	100
B153-181	black, water sealing	mfg. pack	100
B142-49	6" lead wire – 150, 203 series	mfg. pack	100
B142-50	19" lead wire – 150, 203 series	mfg. pack	100
B142-51	12" lead wire – 150, 203 series	mfg. pack	100
B153-49	6" lead wire – 153 series	mfg. pack	100

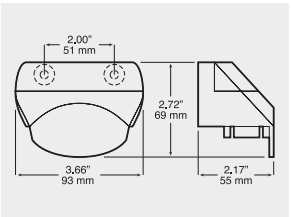


150
License/Utility Light Bracket

- High-impact polycarbonate.
- Black or gray.
- 150C, 153C, or 203C light snaps into housing to form single unit.
- Mounts to vertical surfaces.
- Visor hood shields direct light from following vehicles.
- Complies with applicable regulations without need for additional spacers.

Order No.	Description	Pack	Std Carton
150-14	gray	poly pack	24
150-141	black	poly pack	24
B150-14	gray	mfg. pack	100
B150-141	black	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100





150
License Plate Light Brackets

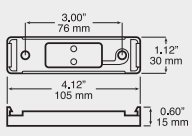
- All Peterson 150C & 153C series license lights snap in easily.
- Bracket features hidden mounting holes and stylish design.
- Available in gloss black or brilliant chrome finish.
- Mounts to vertical surfaces.
- Visor hood shields direct light from following vehicles.
- Complies with applicable regulations without need for additional spacers.

Order No.	Description	Pack	Std Carton
B150-142	black	mfg. pack	50
B150-143	chrome	mfg. pack	50

154-09K

154-10K

154-11K

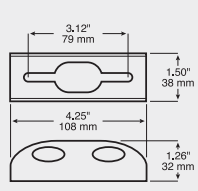


154-09

154
Surface Mount Brackets

- Allows 154 and 161 series lights to be surface mounted.
- Gray, chrome or black finish.
- Mounts on 3" centers.
- Poly pack kits mount to metal surfaces and includes bracket, terminal pad with molded lead wire and mounting screws; grounds through mounting hardware.
- B154-11K-BT1 kit consists of bracket and molded plug assembly terminated with a .180 bullet
- Bracket available without terminal pad and wire; mounts to nonmetallic surfaces with 153-49 two wire plug.

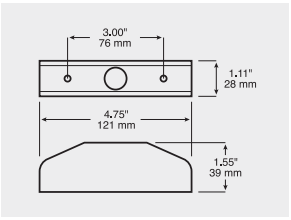
Order No.		Description	Pack	Std Carton
154-09K	KIT	gray kit	poly pack	12
154-10K	KIT	chrome kit	poly pack	12
154-11K	KIT	black kit	poly pack	12
B154-09		gray bracket only	mfg. pack	100
B154-10		chrome bracket only	mfg. pack	100
B154-11		black bracket only	mfg. pack	100
B154-11K	KIT	black kit w/o screws	mfg. pack	100
B154-11K-BT1	KIT	black kit w/o screws, .180 bullet	mfg. pack	100



154
Stainless Steel Brush Guard

- Corrosion-free stainless steel construction.
- Designed for 154 series.
- Accepts all thinline marker lights that mount on 3" centers or less.

Order No.	Description	Pack	Std Carton
B154-092	guard	mfg. pack	100



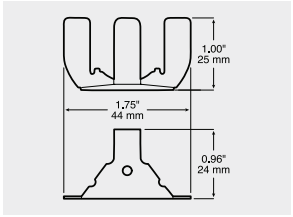
160
Aluminum Brush Guard

USA MADE

- Thick, extruded aluminum construction for extra protection.
- Mounts on 3" centers.
- Fits 60 series lights.

Order No.	Description	Pack	Std Carton
160-09	aluminum	poly pack	6
B160-09	aluminum	mfg. pack	120
160-242	mounting gasket for 160-09	mfg. pack	1

PATENT PENDING

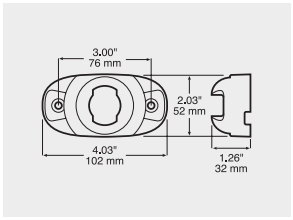


162
Plug Retaining Clip

USA MADE

- Stainless steel construction.
- Clips over electrical plug to keep it firmly inserted into light
- Fits 2" or 2 1/2" diameter marker lamps with cam-on mounting.
- Perfect for heavy-vibration applications such as container chassis.

Order No.	Description	Pack	Std Carton
B162-093	aluminum	mfg. pack	100

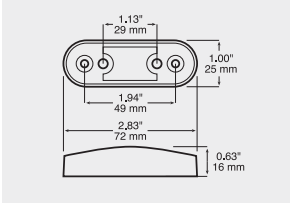


165
2" or 2 1/2" Cam-On Mounting Bracket

USA MADE

- Allows 2" or 2 1/2" diameter marker lamps to be surface mounted.
- Plastic deflectors protect lamp from damage.
- Easy cam-on, cam-off lamp installation.
- Fits incandescent and LED lights.
- Allows PC-rated installation.
- Mounts with two screws.

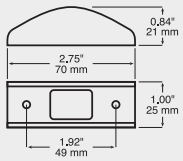
Order No.	Description	Pack	Std Carton
165-10	gray	poly pack	12
B165-10	gray	mfg. pack	100



168
Surface Mount Bracket

- Enhances appearance of 168, 1268, and 2268 series lights.
- Attractive black finish.
- May also be used to adapt mounting centers from 1.93" to 1.13".
- 168-093 version has the same overall dimensions and construction, but has two snap-on prongs for mounting light to bracket.

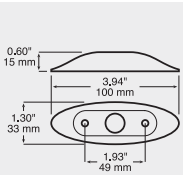
Order No.	Description	Pack	Std Carton
168-09	black	poly pack	12
B168-09	black	mfg. pack	100
B168-093	black, snap-in lamp mount	mfg. pack	50



168-092
Aluminum Brush Guard

- Enhances durability and longevity of 168 and 1268 series lights.
- Rugged, stamped aluminum construction for extra protection.
- Black powdercoat version available.
- Requires use of 168-181 thinline mounting gasket.
- 168-092K kit include 168-181 gasket.

Order No.		Description	Pack	Std Carton
168-092K	KIT	aluminum w/ 168-181 gasket	poly pack	12
B168-092		aluminum	mfg. pack	50
B168-092B		black powdercoat	mfg. pack	50
B168-181		mounting gasket for 168-092	mfg. pack	100

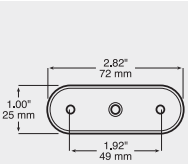


168-10
Decorative Chrome Bezel

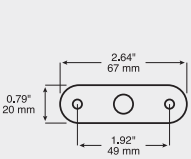
- Enhances appearance of 168 and 1268 series lights.
- Attractive chrome finish.
- ABS construction.

Order No.		Description	Pack	Std Carton
168-10K	KIT	chrome w/ 168-182 gasket	poly pack	12
B168-10		chrome	mfg. pack	100
B168-182		mounting gasket for 168-10	mfg. pack	100

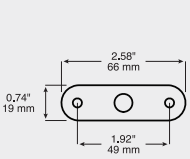
168-18



168-181



168-182

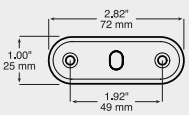


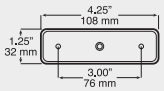
168
Mounting Gasket

- Fits 168 and 1268 LED lights.
- Flexible rubber protects mounting surfaces.
- Use 168-18 when mounting 168 and 1268 light without brush guard or bezel.
- 168-181 for use with 168-092 aluminum brush guard.
- 168-182 for use with 168-10 chrome bezel.
- Use 2268-18 when mounting 2268A-R without bracket

Order No.	Description	Pack	Std Carton
168-18	black rubber	poly pack	12
B168-18	black rubber	mfg. pack	100
B168-181	mounting gasket for 168-092	mfg. pack	100
B168-182	mounting gasket for 168-10	mfg. pack	100
B2268-18	mounting gasket for 2268A-R-MV	mfg. pack	100

2268-18

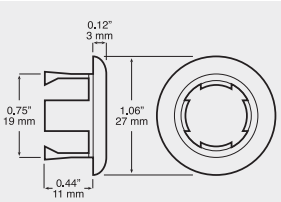




169
Mounting Gasket

- Fits 169 series LED lights.
- Flexible rubber protects mounting surfaces.

Order No.	Description	Pack	Std Carton
B169-18	black rubber	mfg. pack	100



176
Mounting Bracket

- Rigid plastic snap-in bracket.
- Designed to mount 171, 176, 177, 181 and 271 series in 0.75" (19 mm) hole.
- Anti-theft feature when used with 176 series lights.
- 176-09X features chrome plating for enhanced appearance.

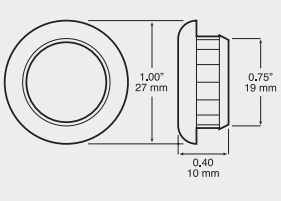
Order No.	Description	Pack	Std Carton
B176-09	plastic anti-theft bracket, black	mfg. pack	100
B176-09X	plastic anti-theft bracket, chrome	mfg. pack	100

177-10
Mounting Bezel

USA MADE

- Designed to fit 171, 176, 177, 181 and 271 series in 0.75" (19 mm) hole.
- 177-10 satin finish steel bezel fits over rubber grommet for durability and enhanced appearance.
- Secured in position between light housing and grommet when installed.

Order No.	Description	Pack	Std Carton
B177-10	satin finish steel bezel	mfg. pack	100

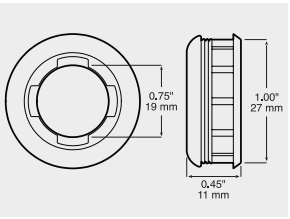


177-18
Mounting Grommet

USA MADE

- Designed to mount 171, 176, 177, 181 and 271 series in 0.75" (19 mm) hole.
- 177-18 grommet made of UV-resistant polymer rubber; stays flexible and prevents cracking for extended service life.
- Standard grommet provided with all 3/4" series lights.
- Grommet designed to fit .0179" to .1875" thick panels.

Order No.	Description	Pack	Std Carton
B177-18	rubber grommet, 0.75" dia.	mfg. pack	100



177-182
Grommet for 1" Diameter Mounting Hole

USA MADE

- Designed to fit 171, 176, 177, 181 and 271 series in 1" (25 mm) hole.
- UV-resistant polymer rubber; stays flexible and prevents cracking for extended service life.
- Replaces standard grommet when larger diameter mounting hole is required.
- Grommet designed to fit 26 gauge steel to 1/4" thick panel (.0179" – .25")

Order No.	Description	Pack	Std Carton
B177-182	rubber grommet, 1" dia.	mfg. pack	100

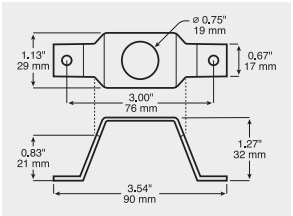
Shown with light installed; sold separately

176-092 / 176-093
Channel-Mount Bracket

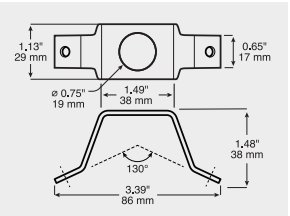
- Fits Peterson 171, 176, 177, 181, 186, 271 and 286 series LED lights.
- Rubber grommet required for installation.
- Corrosion-resistant aluminum alloy construction for extra durability.
- Mounts on 3" centers with two screws or bolts. Hardware not included.
- Channel dimensions:

Min. Width		Max. Depth
1.13"	@	1.30"
1.00"	@	1.15"
0.65"	@	0.83"

Order No.	Description	Pack	Std Carton
176-092	for flat surfaces	poly pack	6
176-093	for curved surfaces	poly pack	6
B176-092	for flat surfaces	mfg. pack	100
B176-093	for curved surfaces	mfg. pack	100



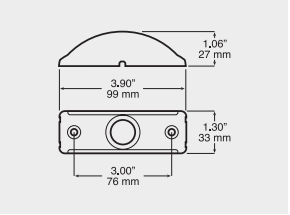
176-092

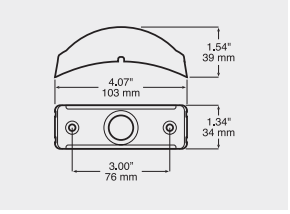


176-093

176-10

176-13

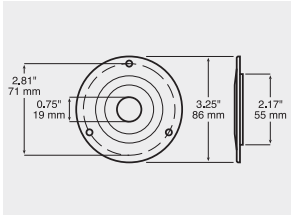




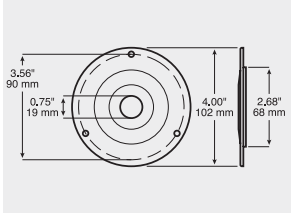
176-10 / 176-13
Surface Mount Bracket & Brush Guard

- Surface mounts 171, 176, 177, 181 and 271 series lights.
- Use of 177-18 grommet (provided with all 3/4" series lights) is required for mounting light into bracket.
- High-strength, corrosion-free, UV-resistant gray polymer.
- Available to fit both flat and curved surfaces. 176-13 has 4.6" radius curve for proper fit on curved surfaces.
- Easily amounts with two screws (not included).

Order No.	Description	Pack	Std Carton
176-10	for flat surfaces	poly pack	6
176-13	for curved surfaces	poly pack	6
B176-10	for flat surfaces	mfg. pack	100
B176-13	for curved surfaces	mfg. pack	100



176-11

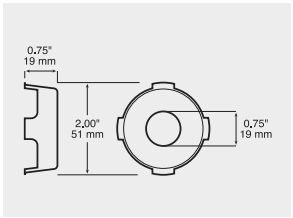


176-12

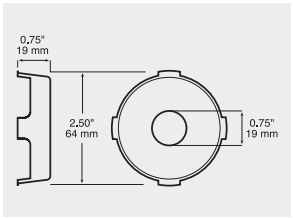
176-11/176-12
2" & 2½" Retrofit Adapter Flanges

- Retrofits 171, 176, 177, 181 and 271 series single-diode clearance/marker lights into existing 2" & 2.5" mounting holes.
- Raised lip on reverse fits into existing hole for easy, accurate centering.
- Requires three rivets (recommended) or screws for mounting.
- Made of corrosion-resistant, high-strength polymer.
- Available in gray or black.
- 176-19 has a smaller 2.625" bolt hole pattern and completely flat back to replace competitive lights.

Order No.	Description	Pack	Std Carton
176-11	2", gray	poly pack	6
176-12	2.5", gray	poly pack	6
B176-15	2", black	mfg. pack	50
B176-17	2.5", black	mfg. pack	50
B176-19	2", black, 2.625" bolt pattern	mfg. pack	50



176-14



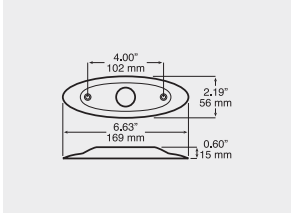
176-16

176-14/176-16
2" & 2½" Retrofit Adapter

USA MADE

- Retrofits 171, 176, 177, 181 and 271 series single-diode clearance/marker lights into existing 2" & 2.5" mounting holes.
- 176-14 use with 2" 146-18 grommet.
- 176-16 use with 2½" 143-18 and 144-18 grommets.
- Corrosion resistant black ABS construction.

Order No.	Description	Pack	Std Carton
176-14	2" retrofit adapter	poly pack	6
176-16	2 ½" retrofit adapter	poly pack	6



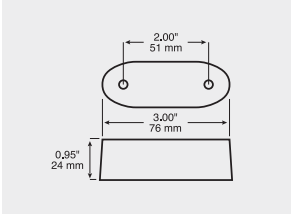
178
Decorative Chrome Bezel

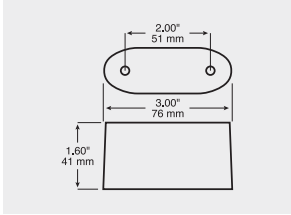
- Enhances appearance of 178 LED lamp.
- Attractive chrome finish.
- Corrosion-resistant ABS construction.

Order No.	Description	Pack	Std Carton
178-10	chrome	poly pack	12
B178-10	chrome	mfg. pack	100

290-09
290C light not included

290-091
290C light not included





290
License Light Spacer Bracket

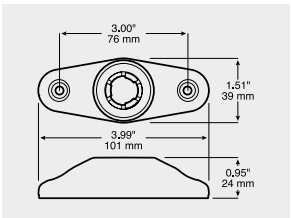
USA MADE

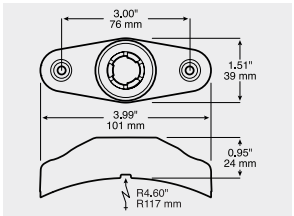
- Surface-mounts on 2" centers.
- 290 series license light is DOT-compliant when used properly with spacer.
- 290-09 0.95" spacer for use with 290C light as center top mount license light.
- 290-091 1.60" spacer for use with 290C as a single side mount license light.

Order No.	Description	Pack	Std Carton
290-09	0.95" spacer bracket	poly pack	12
290-091	1.60" spacer bracket	poly pack	12

B186-10

B186-13



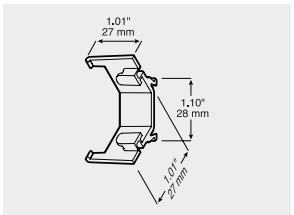


186
Surface-Mount Brackets

USA MADE

- Allows 186/286 Dot Light XL™ to surface-mount on curved or flat surfaces.
- Made of corrosion-resistant, high-strength polycarbonate.
- Easily mounts with two screws (not included).
- Attractive gray finish.

Order No.	Description	Pack	Std Carton
B186-10	flat surfaces	mfg. pack	100
B186-13	curved surfaces	mfg. pack	100

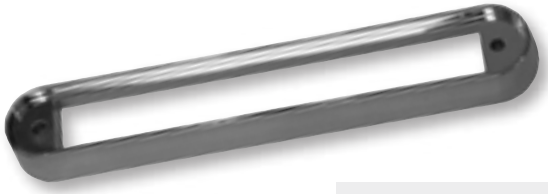


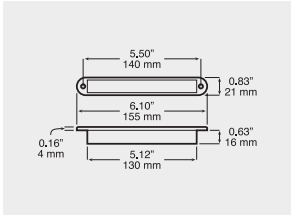
359-10
Mounting Clip

USA MADE

- Allows 359 series LED lights to attach to corner mounting rails without screws.
- Constructed of corrosion-resistant, high-strength polycarbonate.

Order No.	Description	Pack	Std Carton
B359-10	black	mfg. pack	100





388
Surface Mount Bracket

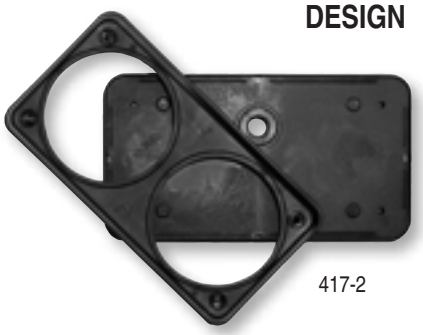
- Allows 388-series LED lights to be surface mounted.
- Attractive chrome finish.
- Corrosion-resistant ABS construction.

Order No.	Description	Pack	Std Carton
388-09X	chrome	poly pack	12
B388-09X	chrome	mfg. pack	50

GROMMETS, BRACKETS & BEZELS

417-1

CONVENIENT TWO-PIECE DESIGN



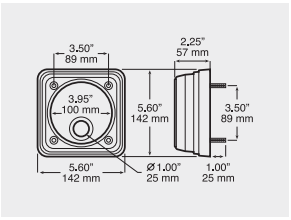
417-2

417-3

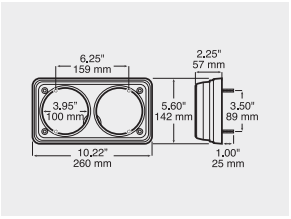
417
Surface Mount Brackets

- Available in 1, 2, and 3 light versions.
- Compatible with all current Peterson grommet-mount 4" round LED lights except 816, 826, and 827 series lights.
- Lights snap in easily, with no grommet required.
- Brackets feature separate backing plate with 1" (25 mm) cable exit hole and integral mounting studs, plus attachment screws.

Order No.	Description	Pack	Std Carton
P417-1	single light	poly pack	6
417-1	single light	mfg. pack	40
417-2	double light	mfg. pack	20
417-3	triple light	mfg. pack	10



417-1



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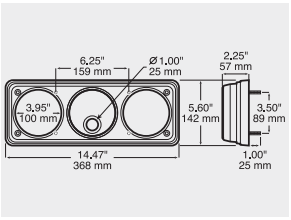
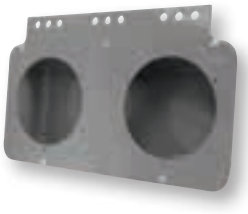
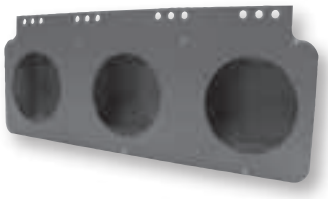


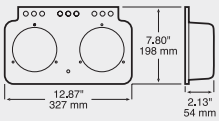
417-3

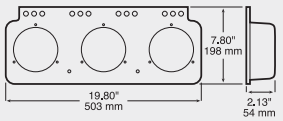


426-10



426-11

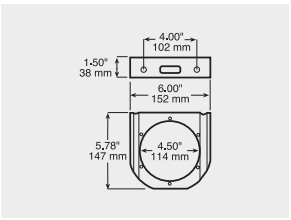




426
2 or 3 Light Metal Module

- For use with PM 4" round lights, as well as similar competitors' lights.
- Designed as replacement for many OE trailer light modules.
- Fits all grommet-mounted and most flange-mounted 4" dia. lamps.
- 426-10 has openings for two lights, 426-11 has three.

Order No.	Description	Pack	Std Carton
426-10	2 light	box	6
426-11	3 light	box	6

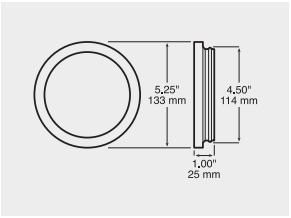


426
Steel Right-Angle Mounting Bracket

USA MADE

- Black, powder-coated steel.
- For use with PM 4" round lights, as well as similar competitors' lights.
- May be bolted or welded in place.
- Fits all grommet-mounted and most flange-mounted 4" dia. lamps.
- Use 426-18 to complete grommet installation.

Order No.	Description	Pack	Std Carton
426-09	black steel	box	6

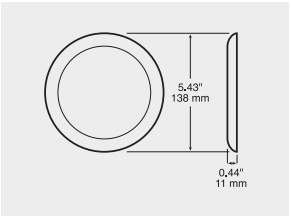


426
4" Grommet

USA MADE

- Black PVC grommet flush mounts 4" diameter round lamps in 4 1/2" hole.
- For use with 4" round stop/turn/tail and accessory lights.
- Provides additional shock absorption to extend lamp life.

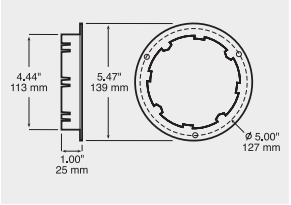
Order No.	Description	Pack	Std Carton
426-18	black	poly pack	12
B426-18	black	mfg. pack	100



418
Decorative Chrome Bezel

- Bright chrome decorative bezel snaps on without tools.
- Covers black flange and mounting screws.
- 418-10 fits 418R-4 round LED light.

Order No.	Description	Pack	Std Carton
B418-10	chrome round	mfg. pack	50



424
Snap-In Bracket

USA MADE

- Snap-in bracket for use with PM 4" round lights, as well as similar competitors' lights.
- Corrosion-free, high-impact plastic construction.

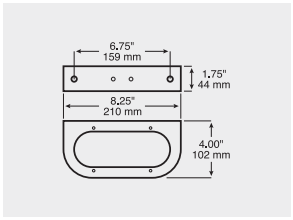
Order No.	Description	Pack	Std Carton
424-09	black	poly pack	24

Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com

421
Mounting Bracket

USA MADE

- Black, powder-coated steel.
- Fits standard 6.5" oval grommet lights, with pre-drilled mounting holes for mounting flanged lights. (Not compatible with 823RTL-7.)
- May be bolted or welded in place.
- May be used horizontally or vertically.
- Grommet-mount lights require 421-18 grommet to for installation.

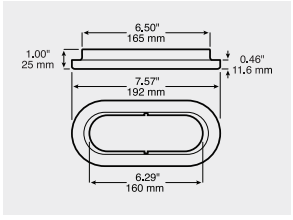


Order No.	Description	Pack	Std Carton
421-09	black oval	box	6

421
Oval Grommet

USA MADE

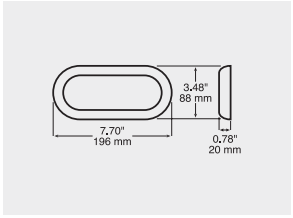
- Black PVC grommet flush mounts oval style lamps.
- For use with PM standard 6.5" oval grommet-mount oval lights, as well as similar competitors' lights.
- Provides additional shock absorption to extend lamp life.



Order No.	Description	Pack	Std Carton
421-18	black oval	poly pack	12
B421-18	black oval	mfg. pack	100

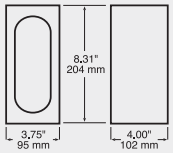
423
Decorative Chrome Bezel

- Bright chrome decorative bezel snaps on without tools.
- Covers black flange and mounting screws.
- Fits surface-mount oval LED lights 423A-4, 423R-4, 423W-4, 1223A-4, 1223R-4, and 1223A-R-4.



Order No.	Description	Pack	Std Carton
423-11	chrome oval	poly pack	12
B423-11	chrome oval	mfg. pack	50

Shown with light installed, sold separately



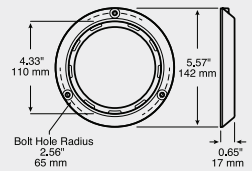
794 LED
Weld-On Steel Mounting Box

- Heavy-gauge steel weld box provides incredibly durable mount for standard, grommet-mount oval lights.
- Ideal for construction, refuse and other rough duty vehicles.

Order No.	Description	Pack	Std Carton
794-09	weld box only	box	1

817-09

817-10

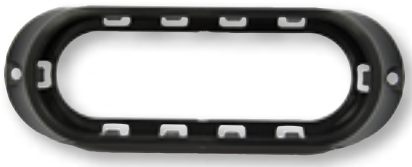


817
Surface Mount Bracket for 4" Round Lights

USA MADE

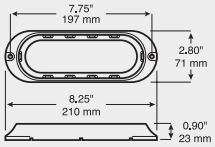
- Allows grommet-style 4" round lights to be surface mounted.
- Constructed of UV and corrosion resistant plastic
- Available in black or chrome finish.
- Compatible with LumenX "-7" and "-9" series 4" round lights.

Order No.	Description	Pack	Std Carton
817-09	black	poly pack	12
817-10	chrome	poly pack	12
B817-09	black	mfg. pack	50
B817-10	chrome	mfg. pack	50



820-09

820-10 (ight sold separately)

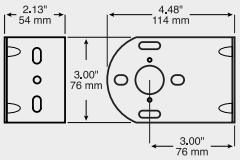


820
Surface Mount Bracket for Oval Lights

USA MADE

- Allows grommet-style oval lights to be surface mounted.
- Constructed of UV and corrosion resistant plastic
- Available in black or chrome finish.
- Compatible with LumenX "-7" and "-10" series oval lights.

Order No.	Description	Pack	Std Carton
820-09	black	poly pack	12
820-10	chrome	poly pack	12
B820-09	black	mfg. pack	50
B820-10	chrome	mfg. pack	50

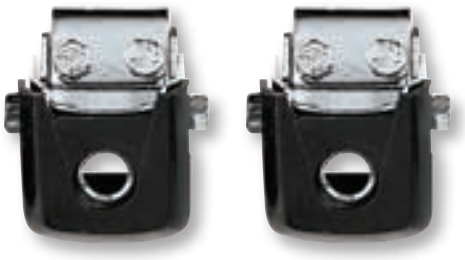


510
Universal Mounting Bracket

USA MADE

- Black powder-coat finish.
- 3" wide x 4 1/2" tall.
- For use with most PM stud mount tail lights.

Order No.	Description	Pack	Std Carton
510-9	black steel	mfg. pack	24

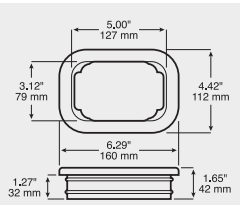


520-09 Nightwatcher® LX
Clamp-On Mounting Bracket

VIZ PACK

- Universal clamp-on bumper brackets for all fog and driving lights.
- Rugged, chrome plated steel.
- Self-service Viz Pack packaging.

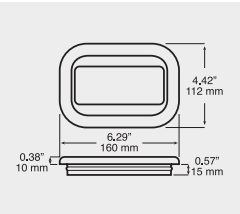
Order No.	Description	Pack	Std Carton
V520-09	mounting bracket	Viz Pack	6

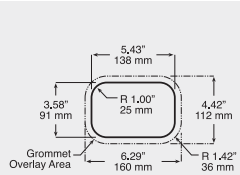


450
Rectangular Rubber Grommet

- Black PVC grommet flush mounts incandescent 3"x 5" rectangular lamps.
- For use with 450 series stop, turn, tail, turn signal and backup lights, as well as similar competitors' lights.
- Provides additional shock absorption to extend lamp life.

Order No.	Description	Pack	Std Carton
450-18	black	poly pack	12
B450-18	black	mfg. pack	50





Mounting Hole Dim.

850
Mounting Grommet

- Black rubber grommet fits 850 series lights.
- UV-resistant PVC stays flexible and prevents cracking for extended service life.
- Requires mounting opening configured to match diagram shown.

Order No.	Description	Pack	Std Carton
850-18	black	poly pack	12
B850-18	rubber grommet	mfg. pack	50

850-09
(850A turn signal
available separately)

850-1

850-092H

850-092V

CONVENIENT TWO-PIECE DESIGN

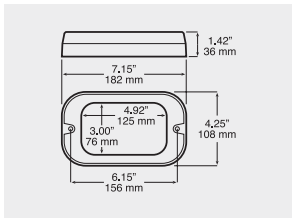
850-093H

850-093V
Shown with light installed, sold separately

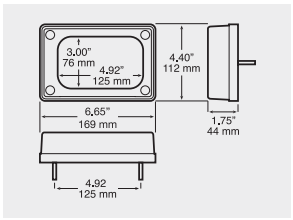
850
Stud Mount Light Modules

- High-strength, corrosion-free, UV-resistant, black glass-filled nylon.
- All 850 series rectangular LED lights snap in easily.
- Not compatible with incandescent lights.
- No mounting grommets required.
- 850-09 has two 0.25" (6 mm) screw mounting holes, others have separate backing plate with 1" (25 mm) cable exit hole and integral mounting studs, plus 1.20" (30 mm) long, black stainless, self-cutting #10 pozi-drive screws.

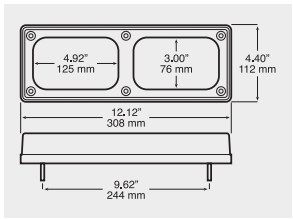
Order No.	Description	Pack	Std Carton
850-1	single light w/ back plate	poly pack	50
850-09	2-screw mnt. w/o back plate	mfg. pack	10
850-092H	double light, horizontal	mfg. pack	30
850-092V	double light, vertical	mfg. pack	30
850-093H	triple light, horizontal	mfg. pack	20
850-093V	triple light, vertical	mfg. pack	20



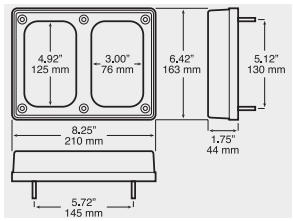
850-09



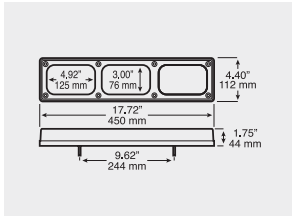
850-1



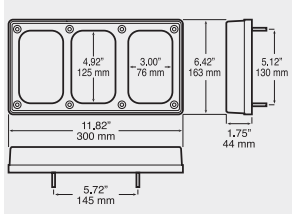
850-092H



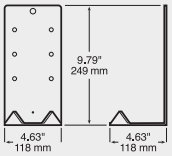
850-092V



850-093H



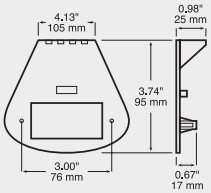
850-093V



740 LED
Mounting Bracket for Magnetic Safety Beacon

- Heavy-duty galvanized metal.
- Provides sturdy mounting point for 740-series magnetic beacons.

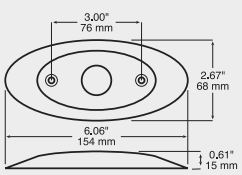
Order No.	Description	Pack	Std Carton
740-09	bracket	box	1



1200
Mounting Bracket

- For mounting 1200 ECE-compliant LED lamps at a right angle to the mounting surface.
- Attractive satin black finish.
- ABS construction.

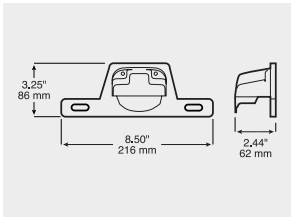
Order No.	Description	Pack	Std Carton
1200-09H	horizontal	mfg. pack	50



1200
Decorative Chrome Bezel

- Enhances appearance of 1200 ECE-compliant LED lamp.
- Attractive chrome finish.
- ABS construction.

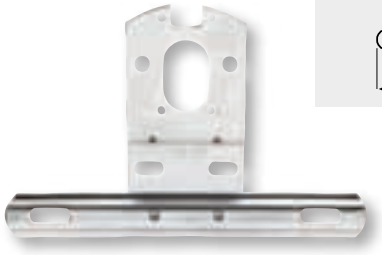
Order No.	Description	Pack	Std Carton
1200-09X	chrome	poly pack	12
B1200-09X	chrome	mfg. pack	50

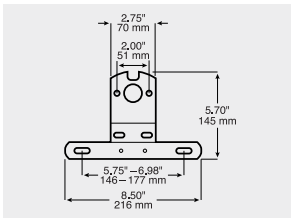


150
License / Utility Bracket

- Licence plate bracket and 150-141 license light bracket riveted together.
- Requires 150C or 153C light and 142-49 plug to complete installation.

Order No.	Description	Pack	Std Carton
B150-141B	black plastic	mfg. pack	24



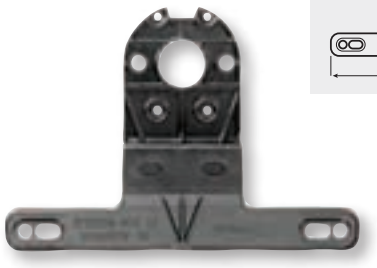


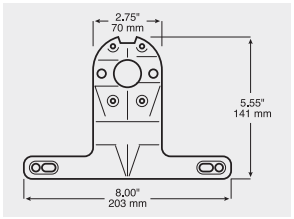
428
Universal License Bracket

VIZ PACK

- For use with most PM stud-mounted tail lights.
- Zinc-plated steel

Order No.	Description	Pack	Std Carton
V428-09	steel	Viz Pack	12
428-09	steel	box	24
B428-09	steel	mfg. pack	50



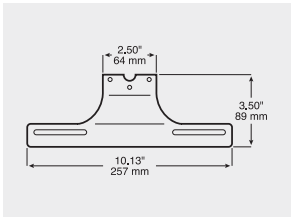


440
Universal License Bracket

VIZ PACK USA MADE

- For use with most PM stud-mounted tail lights.
- Corrosion-free black plastic which flexes on impact.

Order No.	Description	Pack	Std Carton
V440-09	black	Viz Pack	12
440-09	black	box	24
B440-09	black	mfg. pack	100



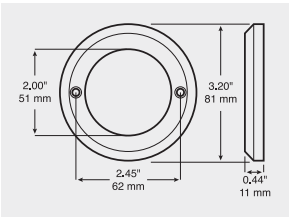
25900
Universal RV License Plate Bracket

VIZ PACK

- Universal license plate bracket.
- Direct replacement for OE bracket on many popular RVs.
- Rugged steel construction.

Order No.	Description	Pack	Std Carton
V25900-09	steel	Viz Pack	10

FOR GROMMET STYLE LIGHTS

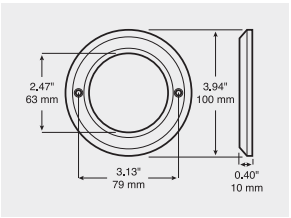


7005
2" Round Decorative Bezels

VIZ PACK

- Chrome-plated plastic enhances appearance.
- Attaches to rubber grommet with two tapered screws.
- Fits grommet-mounted 2" round vehicle lights.
- Includes stainless steel mounting screws.
- Attractive visual packaging.

Order No.	Description	Pack	Std Carton
V7005	2" round bezel	Viz Pack	24

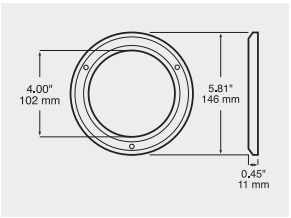


7007
2 1/2" Round Decorative Bezel

VIZ PACK

- Chrome-plated plastic enhances appearance.
- Attaches to rubber grommet with two tapered screws.
- Fits grommet-mounted 2 1/2" round vehicle lights.
- Includes stainless steel mounting screws.
- Attractive visual packaging.

Order No.	Description	Pack	Std Carton
V7007	2 1/2" round bezel	Viz Pack	24

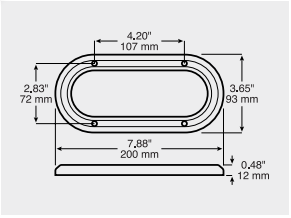


7009
4" Round Decorative Bezel

VIZ PACK

- Chrome-plated plastic enhances appearance.
- Attaches to rubber grommet with three tapered screws.
- Fits grommet-mounted 4" round vehicle lights.
- Includes stainless steel mounting screws.
- Attractive visual packaging.

Order No.	Description	Pack	Std Carton
V7009	4" round bezel	Viz Pack	24



7011
Oval Decorative Bezels

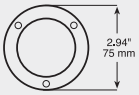
VIZ PACK

- Chrome-plated plastic enhances appearance.
- Attaches to rubber grommet with four tapered screws.
- Fits grommet-mounted 6 1/2" x 2 1/4" oval vehicle lights.
- Includes stainless steel mounting screws.
- Attractive visual packaging.

Order No.	Description	Pack	Std Carton
V7011	oval bezel	Viz Pack	24

THEFT-DETERRENT RINGS

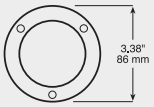
FOR FLANGE STYLE LIGHTS



7005S
Theft Deterrent Rings

- Fits 2" round flange-mounted lights.
- Designed to work with flange for added theft protection.
- Attractive stainless-steel finish resists corrosion.
- Embossed with PM logo.
- Not compatible with "S" suffix surface-mount lights.

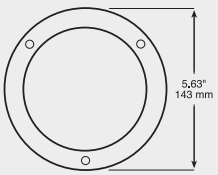
Order No.	Description	Pack	Std Carton
7005S	2" round	poly pack	12
B7005S	2" round	mfg. pack	25



7007S
Theft Deterrent Rings

- Fits 2.5" round flange-mounted lights.
- Designed to work with flange for added theft protection.
- Attractive stainless-steel finish resists corrosion.
- Embossed with PM logo.
- B7007S fits 162F and 163F lights.
- 7012 fits 192F and 193F lights.
- 7013 fits 192S, 193S and 233S surface-mount lights.

Order No.	Description	Pack	Std Carton
7007S	3.5" dia./2.5" opening/3.04" bolt cir.	poly pack	12
B7007S	3.5" dia./2.5" opening/3.04" bolt cir.	mfg. pack	25
7012	3.75" dia./2.5" opening/3.20" bolt cir.	mfg. pack	25
7013	3.75" dia./2.75" opening/3.20" bolt cir.	mfg. pack	25

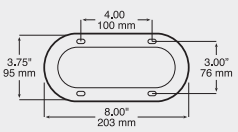


7009S
Theft Deterrent Rings

VIZ PACK

- Fits 4" round flange-mounted lights.
- Designed for added theft protection of flange-mount lights.
- Attractive stainless-steel finish resists corrosion.
- Embossed with PM logo.

Order No.	Description	Pack	Std Carton
V7009S	4" round	Viz Pack	25
7009S	4" round	poly pack	12
B7009S	4" round	mfg. pack	25



7011S
Theft Deterrent Rings

- Fits 6 1/2" x 2 1/4" oval flange-mounted lights.
- Designed for added theft protection of flange-mount lights.
- Attractive stainless-steel finish resists corrosion.
- Embossed with PM logo.

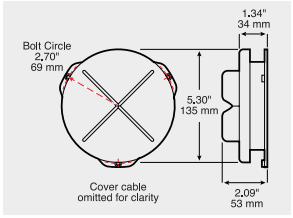
Order No.	Description	Pack	Std Carton
7011S	oval	poly pack	12
B7011S	oval	mfg. pack	25

45
Certificate Holder and Pouch

USA MADE

- Keeps permit or license clean and dry in any weather.
- Dust-proof and weatherproof vinyl pouch with zipper seal.
- Heavy gauge aluminum frame.
- Frame measures 7 1/4" x 4 7/8".
- Pouch measures 7" x 4 5/8".
- Mounts on 6 3/8" centers.

Order No.	Description	Pack	Std Carton
45	holder & pouch	poly pack	24
B45	holder & pouch	mfg. pack	100
45-171	replacement pouch	poly pack	24



46
Round Certificate Holder

- Keeps permit or license clean and dry in any weather.
- Cam-on translucent cover has gasketed seal.
- High-impact plastic.
- Tension spring holds documents in place with cover removed.

Order No.	Description	Pack	Std Carton
46	certificate holder	poly pack	12
B46	certificate holder	mfg. pack	30

2954
ABS Label

USA MADE

- Conforms to NHTSA requirements for labeling ABS malfunction lamps.
- Heavy-duty material and industrial adhesive backing for durability.
- Flexible design adheres to curved surfaces.
- 4.00" x 1.25" with 1" letters.

Order No.	Description	Pack	Std Carton
2954	ABS label	mfg. pack	100

554/557
10-Lamp Electro-Mechanical Flashers

VIZ PACK

- 10-lamp, 12-volt flasher.
- Available for medium-duty (2-prong) and heavy-duty (3-prong) applications.
- 21.0 amp rating.
- 60-120 FPM flash rate at 11 to 15 volts.
- 1 3/8" tall, fits easily into most applications.
- Meets FMVSS 108 and SAE J590 & J945 specifications.

Order No.	Description	Pack	Std Carton
V554	2-prong	Viz Pack	3
554	2-prong	poly pack	6
557	3-prong	poly pack	6

570/571
12-Lamp Electro-Mechanical Flashers

VIZ PACK

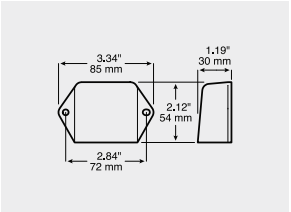
- 12-lamp, 12-volt flasher.
- Available for medium-duty (2-prong) and heavy-duty (3-prong) applications.
- 25.2-amp rating.
- 70-120 FPM flash rate.
- 1 1/2" tall, fits into small areas with limited access.
- Meets FMVSS 108 and SAE J590 & J945 specifications.

Order No.	Description	Pack	Std Carton
V570	2-prong	Viz Pack	6
570	2-prong	poly pack	12
571	3-prong	poly pack	12
B570	2-prong	mfg. pack	100

572
Electronic Flasher for LED Lights

- 12-volt flasher.
- 2.5 amp rating.
- 76-96 FPM flash rate at 9-16 volt.
- Meets FMVSS 108 and SAE J590 & J945 specifications.

Order No.	Description	Pack	Std Carton
572	2-prong	box	6



5000
Multi-Volt Solid-State LED Flasher

MV Multi-Volt 12V & 24V

- Resolves flash rate issues caused by reduced resistance LED lights.
- Surface-mount, fully encapsulated, solid-state flasher.
- For use with LED and/or incandescent lamps.
- Operates at .01 to 17 amps between 9–32 volts.
- Retrofit standard 2- and 3- prong flashers using included hardware.
- Complete kit includes 1 jumper wire, 1 tie-down, 2 mounting screws, 3 blade terminals, 1 #10 ring terminal, and instruction sheet.
- Meets FMVSS 108 and SAE J590, J945 & J2068 specifications.

Order No.	Description	Pack	Std Carton
5000	flasher kit	poly pack	12

573/574
16-Lamp Electronic Flashers

VIZ PACK

- 16-lamp, 12-volt flasher.
- Available for medium-duty (2-prong) and heavy-duty (3-prong) applications.
- 35 amp rating.
- 60-120 FPM flash rate.
- Electronic chip improves switching operations and extends life.
- Internal components are designed for high temperature operation.
- 1 7/8" tall.
- Meets FMVSS 108 and SAE J590 & J945 specifications.

Order No.	Description	Pack	Std Carton
V573	2-prong	Viz Pack	3
573	2-prong	poly pack	12
574	3-prong	poly pack	12

576/577
20-Lamp Electronic Flashers

VIZ PACK

- 20-lamp, 12-volt flasher.
- Available for medium-duty (2-prong) and heavy-duty (3-prong) applications.
- 45-amp max rating.
- 60-120 FPM flash rate.
- Electronic chip improves switching operations and extends life.
- 1 7/8" tall.
- Meets FMVSS 108 and SAE J590 & J945 specifications.

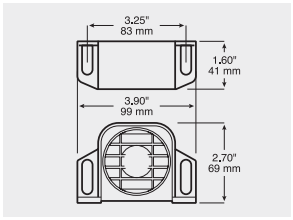
Order No.	Description	Pack	Std Carton
V576	2-prong	Viz Pack	3
576	2-prong	poly pack	12
577	3-prong	poly pack	12

579
Alternating, 10-Lamp Electronic Flasher

- 12-volt flasher.
- Alternating, three-prong flasher.
- 10 lamp capacity per side.
- Will flash four headlights or equivalent in emergency or warning lights.
- 25-amp max rating.
- 60-120 FPM flash rate.
- Meets FMVSS 108 and SAE J590 & J945 specifications.

Order No.	Description	Pack	Std Carton
579	3-prong	poly pack	12

UL APPROVED



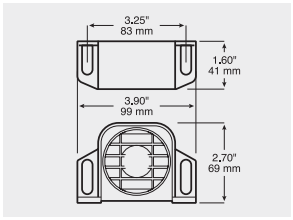
780
97 dB Back-Up Alarm

VIZ PACK USA MADE

- 97-decibel volume.
- For all trucks and rubber-tire vehicles.
- 12-24 volt operating range.
- Less than 0.6 amp draw.
- -40º to +185º F temperature range.
- ABS housing and epoxy-sealed internal components for vibration and moisture protection.
- Unit may be grounded through mounting screw.
- Meets SAE J994 Type C requirements.
- Meets IP65 ingress protection standard.
- Self-service visual packaging.

Order No.	Description	Pack	Std Carton
V780	97 dB	Viz Pack	6
780	97 dB	box	6

UL APPROVED

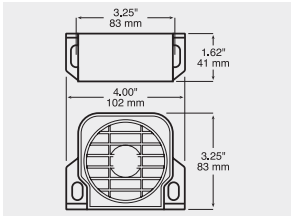


781
102 dB Back-Up Alarm

VIZ PACK USA MADE

- 102-decibel volume.
- For medium-duty applications in higher noise areas.
- 12-24 volt operating range.
- Less than 0.6 amp draw.
- -40º to +185º F temperature range.
- ABS housing and epoxy-sealed internal components for vibration and moisture protection.
- Unit may be grounded through mounting screw.
- Meets SAE J994 Type F requirements.
- Meets IP65 ingress protection standard.
- Self-service visual packaging.

Order No.	Description	Pack	Std Carton
V781	102 dB	Viz Pack	6
781	102 dB	box	6

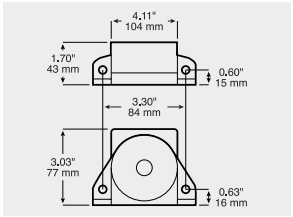


782
107 dB Back-Up Alarm

USA MADE

- Features the same form factor as Peterson's existing 780 & 781 back-up alarms with louder alarm volume.
- 12–24 volt operating range.
- Can be mounted to horizontal or vertical surfaces.
- Less than 0.8 amp draw.
- ABS housing and epoxy-sealed internal components for vibration and moisture protection.
- Unit may be grounded through mounting screw.
- Meets SAE J994 Type B specifications.
- Available with stripped leads or .180 bullet terminals.

Order No.	Description	Pack	Std Carton
782	107 dB, stripped leads	box	6
782-BT2	107 dB, .180 bullets	box	6

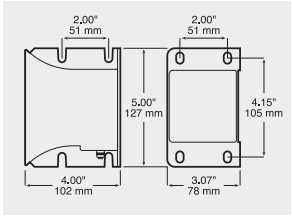


783
87 dB Auxiliary Back-Up Alarm

VIZ PACK

- 87-decibel volume suitable for auxiliary warning applications.
- 12-24 volt operating range.
- Glass filled nylon housing and epoxy-sealed internal components for vibration and moisture protection.
- Unit may be grounded through mounting screw.
- Sealed lens and housing meets IP65 ingress protection level.
- Meets IP65 ingress protection standard.
- Self-service visual packaging.

Order No.	Description	Pack	Std Carton
V783	87 dB	Viz Pack	6

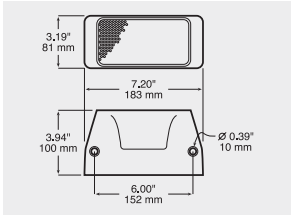


784/785
Back-Up Alarm

USA MADE

- Model 784 features 112 dB volume & meets SAE J994 Type A specifications.
- Model 785 features 97–112 dB variable volume that automatically senses and adjusts to ambient noise levels.
- 12–24 volt operating range.
- Less than 0.8 amp draw.
- Can be mounted to horizontal or vertical surfaces.

Order No.	Description	Pack	Std Carton
784	112 dB	box	1
785	97-112 dB variable	box	1

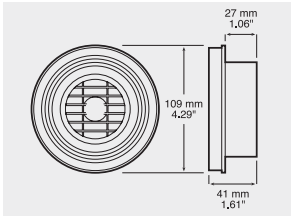


784-C
Back-Up Alarm

USA MADE

- 112 dB volume
- 12-24V voltage range
- Less than 0.8 amp average current draw
- Reverse polarity and spike protection
- Rugged full-coverage housing
- Epoxy-encapsulated circuit board

Order No.	Description	Pack	Std Carton
784-C	112 dB	box	10



786
Back-Up Alarm

USA MADE

- Fits circular opening used for standard 4-inch round, grommet-mount lights.
- Available in 97 dB and 102 dB versions.
- 786-97 has 12–48 volt operating range, meets SAE J994 Type C specs.
- 786-102 has 12–24 volt operating range, meets SAE J994 Type F specs.
- Comes complete with standard 426-18 mounting grommet.

Order No.	Description	Pack	Std Carton
786-97	97 dB	box	1
786-102	102 dB	box	1

135-951
Replacement Wire

USA MADE

- Replacement lead wire for 106, 130, 135, and 138 series incandescent marker lights.

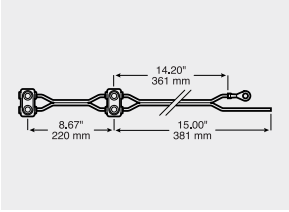
Order No.	Description	Pack	Std Carton
135-951	lead wire, black	poly pack	100

142-49/50/51
Marker Lamp Plugs

USA MADE

- 2-wire molded plug for clearance and marker lights.
- Fits 140, 142, 143, 145, 146, 150, 189 & 190 series, plus competitive lights.
- Includes a #10 ring terminal on ground wire; hot wire is stripped.
- See page 178 for optional plug retaining clip.

Order No.	Description	Pack	Std Carton
142-49	6" leads	poly pack	12
B142-49	6" leads	mfg. pack	100
B142-50	19" leads	mfg. pack	100
B142-51	12" leads	mfg. pack	100
B162-093	retaining clip	mfg. pack	100

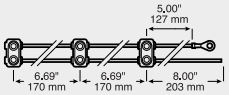


146-49
Marker Lamp Harness

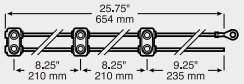
USA MADE

- Features two molded plugs with 2-wire termination.
- Included with M246K clearance light kit.
- Also fits 142, 143, 145, 146, and 150 series clearance and marker lights.
- Includes #10 ring terminal on ground wire; hot wire is blunt cut.
- May be used as harness for individual corner or ID lights.

Order No.	Description	Pack	Std Carton
B146-49	15" leads	mfg. pack	100



150-49



B150-493

150-49
ID Bar Lamp Harness

USA MADE

- Fits lights requiring PL10 style plug.
- Choice of 6.70" or 8.25" between receptacles.
- 150-49 replaces wire harness on 150-3 series identification light bar.
- Fits all competitive models.
- 5" ground wire w/ ring terminal and 8" hot wire.
- Includes #10 ring terminal on ground wire; hot wire is stripped.
- May be used as harness for individual corner or ID lights.

Order No.	Description	Pack	Std Carton
150-49	6.7" centers	poly pack	10
B150-493	8.25" centers	mfg. pack	50

150-491
Lead Wire

USA MADE

- Single lead wire with male .156 termination and stripped end.
- Designed for use with 150 series lights and to provide additional connections on 154 series lights.

Order No.	Description	Pack	Std Carton
B150-491	.156 molded male, 18"	mfg. pack	100

152-49
Lead Wire

USA MADE

- Single lead wire with female .156 termination and stripped end.
- Designed for use with 152 series light.

Order No.	Description	Pack	Std Carton
152-49	.156 molded female, 17"	poly pack	10
B152-49	.156 molded female, 17"	mfg. pack	100

153-49

153-492

153-49/492
Marker Lamp Plugs

USA MADE

- 2-wire molded female plug for use with 152, 153, 154 and 161 series clearance and marker lights.
- 153-49 has ground wire with #10 ring terminal and stripped hot wire.
- B153-492 adapter plug mates male pin lamps to male pin harnesses.

Order No.	Description	Pack	Std Carton
153-49	6" leads	poly pack	12
B153-49	6" leads	mfg. pack	100
B153-492	8" adapter	mfg. pack	100

160-49

160-491

160-492

160-49/491/492
Marker Lamp Plugs

USA MADE

- Right-angle, two-wire plug for use with 155, 157 and 160 series LED clearance and marker lights.
- 8" leads
- 160-49 includes #10 ring terminal and stripped end.
- 160-491 includes #10 ring terminal and .180 bullet terminal.
- 160-492 includes two .180 bullet terminals.

Order No.	Description	Pack	Std Carton
160-49	ring term & stripped lead	poly pack	12
160-491	ring term & .180 bullet	poly pack	12
160-492	two .180 bullets	poly pack	12
B160-49	ring term & stripped lead	mfg. pack	100
B160-491	ring term & .180 bullet	mfg. pack	100
B160-492	two .180 bullets	mfg. pack	100

160-493
ID Bar Harness

USA MADE

- Identification light bar replacement wire harness for 160-3 series.
- Includes two .180 bullet terminals for easy installation.

Order No.	Description	Pack	Std Carton
160-493	6.25" centers, .180 bullets	poly pack	12

162-49

162-493

B162-093 retaining clip

162-49/493
LED Marker Lamp Plugs

USA MADE VIZ PACK

- Right-angle TRIPLE SEAL, two-wire plug for use with 162, 163, 164, 165, and 166 series LED clearance/marker lights.
- 162-49 includes 8" stripped hot wire; ground wire provided with #10 ring terminal and heat shrink tubing for additional corrosion protection.
- 162-493 includes two .180 bullet terminals.
- See page 178 for optional plug retaining clip.

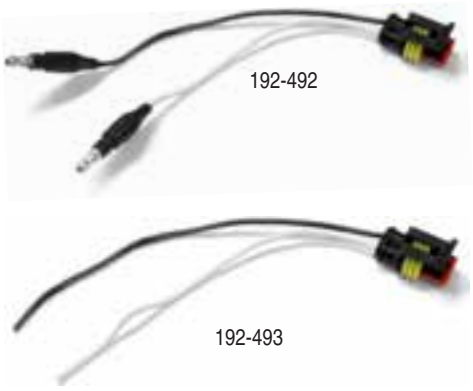
Order No.	Description	Pack	Std Carton
V162-49	stripped/ring	Viz Pack	6
162-49	stripped/ring	poly pack	12
162-493	.180 bullets	poly pack	12
B162-49	stripped/ring	mfg. pack	100
B162-493	.180 bullets	mfg. pack	100
B162-093	retaining clip	mfg. pack	100

176-496
Lead Wire Adapter Kit

USA MADE

- Adapts hardwired leads to 0.180" bullet connectors.
- 7.5" overall length
- Special ridged design creates highly effective moisture barrier when mated to Maxi-Seal® advanced harness components.
- Kit contains 6 white wires with female receptacles, 6 black wires with female receptacles, and 12 heat-shrink butt splice connectors.

Order No.		Description	Pack	Std Carton
176-496	KIT	adapter kit	poly pack	6
B176-491		white female leads	mfg. pack	100
B176-492		black female leads	mfg. pack	100
B176-493		white male leads	mfg. pack	100
B176-494		black male leads	mfg. pack	100



192-492/493
LED 2-Wire Plug

USA MADE

- 2-wire hard-shell, weatherproof plug.
- For use with 173, 175, 189, 190, 192, 193, 194, 195, 197, 199, 905 and 906 series LED lights that are equipped with AMP-compatible receptacles.
- 192-492 terminated with two .180 bullet terminals.
- 192-493 has blunt-cut wires.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
192-492	hardshell, .180 bullets	poly pack	12
B192-492	hardshell, .180 bullets	mfg. pack	50
B192-493	hardshell, blunt-cut wires	mfg. pack	50

193-492
Molded LED 2-Wire Plug

USA MADE

- 2-wire weatherproof plug with molded plug housing.
- For use with 173, 175, 189, 190, 192, 193, 194, 195, 197, 199, 905 and 906 series LED lights that are equipped with AMP-compatible receptacles.
- Terminated with two .180 bullet terminals, can be removed for hardwiring into vehicle harness.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
193-492	molded, .180 bullets	poly pack	12
B193-492	molded, .180 bullets	mfg. pack	100

344-49
Turn Signal Plug

USA MADE

- 3-wire hard shell, weather proof design.
- Replacement plug for 344 turn signal lights.
- Ground wire and two hot wires are blunt cut.

Order No.	Description	Pack	Std Carton
344-49	9" leads	poly pack	12

411-07
Pigtail

USA MADE

- Single wire with brass contact, nylon washer, and plug with stainless steel spring.
- Non-indexing type for all G-6, S-8, and S-11 single contact bulbs.

Order No.	Description	Pack	Std Carton
411-07	10" lead	poly pack	25

413-07
Pigtail

USA MADE

- Two wires with brass contacts, nylon washer, and plug with stainless steel spring.
- Indexing type for all S-8 double contact bulbs.

Order No.	Description	Pack	Std Carton
413-07	10" leads	poly pack	25

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417-48/481/482
LED 2-Wire Plugs

USA MADE

- 2-wire hard-shell, weatherproof plug.
- For use with 817, 818, 820, 823, 1217, 1218, 1220, 1223 series LED lights.
- 417-48 includes stripped hot wire; ground wire provided w/ #10 ring terminal and heat-shrink tubing for additional corrosion protection.
- 417-481 adapter plug fits 421-49 and 431-49 plugs.
- 417-482 includes two .180 bullet terminals.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
417-48	stripped lead/ring terminal	poly pack	6
417-481	adapter plug	poly pack	6
417-482	.180 bullets	poly pack	6
B417-48	stripped lead/ring terminal	mfg. pack	100
B417-481	adapter plug	mfg. pack	100

817-48/481/482
Molded LED 2-Wire Plugs

USA MADE

- 2-wire weatherproof plug with molded plug housing.
- For use with 817, 818, 820, 823, 1217, 1218, 1220, 1223 series LED lights.
- 817-48 includes stripped hot wire; ground wire provided w/ #10 ring terminal and heat-shrink tubing for additional corrosion protection.
- 817-481 adapter plug fits 421-49 and 431-49 plugs.
- 817-482 includes two .180 bullet terminals.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
817-48	stripped lead/ring terminal	poly pack	12
B817-48	stripped lead/ring terminal	mfg. pack	100
B817-481	adapter plug	mfg. pack	100
B817-482	.180 bullets	mfg. pack	100

417-49/491/492
LED 3-Wire Plugs

USA MADE

- 3-wire hard-shell, weatherproof plug.
- For use with 233, 817, 818, 820, 823, 1217, 1218, 1220, 1223 series LED lights.
- 417-49 includes stripped hot wires; ground wire provided w/ #10 ring terminal and heat shrink tubing for additional corrosion protection.
- 417-491 adapter plug fits 421-491 and 431-491 plugs.
- 417-492 includes three .180 bullet terminals.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
417-49	stripped lead/ring terminal	poly pack	6
417-491	adapter plug	poly pack	6
B417-49	stripped lead/ring terminal	mfg. pack	100
B417-491	adapter plug	mfg. pack	100
B417-492	.180 bullets	mfg. pack	100

817-49/491/492
Molded LED 3-Wire Plugs

USA MADE

- 3-wire weatherproof plug with molded plug housing.
- For use with 233, 817, 818, 820, 823, 1217, 1218, 1220, 1223 series LED lights.
- 817-49 includes stripped hot wires; ground wire provided w/ #10 ring terminal and heat-shrink tubing for additional corrosion protection.
- 817-491 adapter plug fits 421-491 and 431-491 plugs.
- 817-492 includes three .180 bullet terminals.
- 817-497 has one AMP-compatible plug and one Packard-style plug.
- Grease is not recommended on AMP-style connections.

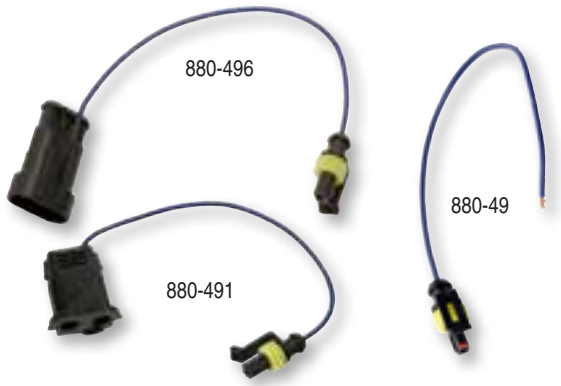
Order No.	Description	Pack	Std Carton
817-49	stripped lead/ring terminal	poly pack	12
817-497	AMP to Packard shroud adapter	poly pack	6
B817-49	stripped lead/ring terminal	mfg. pack	100
B817-491	adapter plug	mfg. pack	100
B817-492	.180 bullets	mfg. pack	100

817-49L
AMP-Compatible Lead Wire

USA MADE

- 3-wire, AMP-compatible harness with jacketed flat cable.
- Available in 12" and 98.5" lengths.
- For use with 817, 818, 820, 823, 1217, 1218, 1220, 1223 series LED lights.
- 817-49S and 817-49L have stripped hot wires and #10 ring terminal on ground wire.

Order No.	Description	Pack	Std Carton
B817-49S	12" overall, stripped lead/ring terminal	mfg. pack	50
B817-49L	98.5" overall, stripped lead/ring term.	mfg. pack	50



880-49/491/496
AMP-Compatible Plugs

USA MADE

- B880-49 & B880-491 adapter plugs connect back-up light function on 880/881/882/883 series lights to standard PL2/PL3 or AMP style harness connections.
- B880-49 can be used to connect sync wire on 860SA, 861SA, 866SA and 867SA series multi-function LED strobes.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
880-49	stripped wire	poly pack	6
B880-49	stripped wire	mfg. pack	100
B880-491	adapter plug	mfg. pack	100
B880-496	hardshell receptacle	mfg. pack	100

866-486
Packard-to-AMP 1-Wire Adapter

USA MADE

- Adapter plug connects single wire back-up light or strobe sync function to Packard-style harness connections.

Order No.	Description	Pack	Std Carton
866-486	AMP to Packard shroud adapter	poly pack	6
B866-486	AMP to Packard shroud adapter	mfg. pack	100

417-491Y
LED Y-Adapter Plug

USA MADE

- Converts one PL3-style stop/turn/tail plug into two LED hard-shell, weather-proof stop/turn/tail plugs.
- For use with non-hardwired lights.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
417-491Y	12" adapter plug	poly pack	6

417-491MP
LED Adapter Plug

USA MADE

- Converts single male-pin lamp connection into LED hard-shell, weatherproof stop/turn/tail plug.
- For use with non-hardwired lights.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
417-491MP	12" adapter plug	poly pack	6

417-493
Adapter Plug

USA MADE VIZ PACK

- Adapts PL3 lamp to wiring terminated with LED-style plug.
- Grease is not recommended on AMP-style connections.

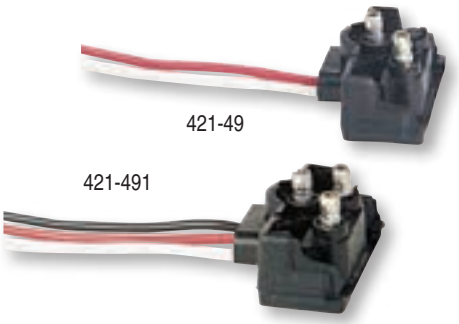
Order No.	Description	Pack	Std Carton
V417-493	adapter plug	Viz Pack	6
417-493	adapter plug	poly pack	10

417-496
Extension Harness

USA MADE

- Terminated with one male and one female hard-shell, weatherproof stop/turn/tail plug.
- Provides an extra 10 inches of length between LED light and vehicle harness.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
417-496	extension harness	poly pack	6
B417-496	extension harness	mfg. pack	100



421-49/491
Right-Angle PL3 Plugs

USA MADE

- 2-wire (-49) and 3-wire (-491) right angle plugs for single or double contact sealed stop/turn or backup lamps.
- Includes #10 ring terminal on ground wire; hot wire is stripped.

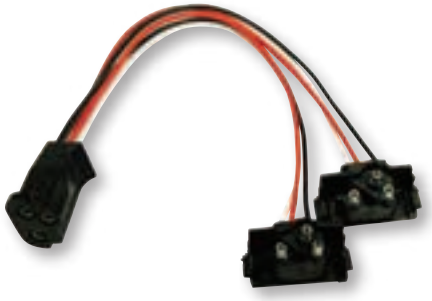
Order No.	Description	Pack	Std Carton
421-49	2-wire, rt. angle, 10.5"	poly pack	12
421-491	3-wire, rt. angle, 10.5"	poly pack	12
B421-49	2-wire, rt. angle, 10.5"	mfg. pack	100
B421-491	3-wire, rt. angle, 10.5"	mfg. pack	100

421-491RS
Resistor Harness

USA MADE

- For use when upgrading existing vehicle turn signals from incandescent to LED.
- In-line 50 watt, 10 ohm resistor.
- 10.63" (270 mm) overall length.
- Provides adequate resistance for proper flasher module operation.
- Terminated with one male and one female PL3 plug.

Order No.	Description	Pack	Std Carton
421-491RS	resistor harness	poly pack	12

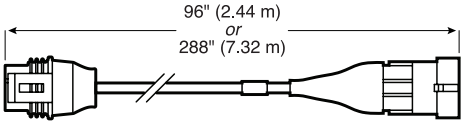


421-491Y
PL3 "Y" Adapter Plug

USA MADE

- 3-wire molded plug converts one PL3 stop/turn/tail plug into two.

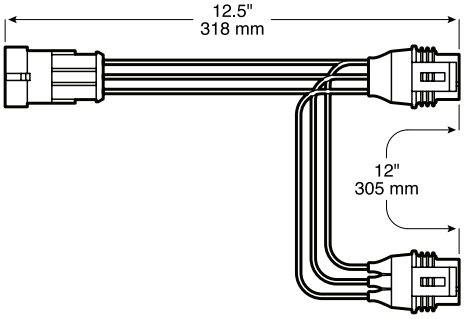
Order No.	Description	Pack	Std Carton
421-491Y	Y-adapter plug, 12"	poly pack	6



Harness Extensions

- Connects to "Y" adapter to provide auxiliary strobe power.
- Choice of two lengths for simple, flexible, efficient installation.
- Hardshell connector on each end (one female plug, one shrouded male plug).

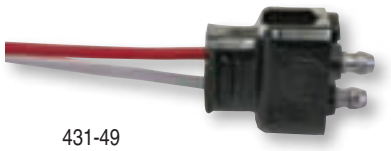
Order No.	Description	Pack	Std Carton
817-49288	extension harness, AMP style, 288"	poly pack	6
817-4996	extension harness, AMP style, 96"	poly pack	6



"Y" Adapter Harness

- Installs between brake light and existing trailer harness to provide brake circuit power to auxiliary strobe.
- Three AMP-compatible hardshell connectors (two female plugs, one shrouded male plug).
- 12.5" length.

Order No.	Description	Pack	Std Carton
817-49Y	STT Y-plug, AMP style, 12.5"	poly pack	6



431-49

431-491

431-49/491
Straight PL3 Wire Plugs

USA MADE VIZ PACK

- 2-wire (-49) and 3-wire (-491) molded plugs for single or double contact sealed stop/turn/tail lamps.
- Includes #10 ring terminal on ground wire; hot wire is stripped.

Order No.	Description	Pack	Std Carton
V431-49	2-wire, straight, 10.5"	Viz Pack	6
V431-491	3-wire, straight, 10.5"	Viz Pack	6
431-49	2-wire, straight, 10.5"	poly pack	12
431-491	3-wire, straight, 10.5"	poly pack	12
B431-49	2-wire, straight, 10.5"	mfg. pack	100
B431-491	3-wire, straight, 10.5"	mfg. pack	100

431-492
Extension Harness

USA MADE

- 3-wire harness terminated with one male and one female PL3 stop/turn/tail plug.
- Provides over 12 additional inches of length between light and vehicle harness.
- 12.75" (324 mm) overall length.

Order No.	Description	Pack	Std Carton
B431-492	extension harness	mfg. pack	100

701-491
LED Headlight Anti-Flicker Harness

USA MADE

- Anti-flicker harness plug for 701C series LED headlights.
- Used on specific CANBUS equipped vehicles, including Jeeps 2007 and newer.
- 11" (280 mm) length.
- Not compatible with daytime running lights (DRL) in Canada.

Order No.	Description	Pack	Std Carton
701-491	anti-flicker harness	poly pack	50

778-48
Replacement Cable

USA MADE

- Replacement for standard cable included with 778A Sequencing LED Light Bar
- 15 foot length

Order No.	Description	Pack	Std Carton
778-48	replacement harness	poly pack	1

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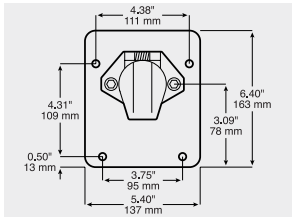

374 Defender®
Trailer Nose Box

- Surface-mount nose box has reinforced nylon housing and aluminum faceplate.
- Fits industry-standard mounting bolt pattern.
- #10 studs provide capacity for multiple terminals.
- Stainless steel terminal springs grip pins.
- Conforms to SAE J560 specifications.

Order No.	Description	Pack	Std Carton
P374	J560 Nose box, solid pins	poly pack	8

373 solid pin version

411 split pin version

373/411 Defender®
J560 7-Way Insert

- Deep socket receptacle is 3/8" deeper than previous model for more secure, reliable hook-up.
- Receptacle available in solid pin and split pin versions.
- Reinforced nylon housing.
- Conforms to SAE J560 specifications.
- Spring-loaded hinge retainer pin to keep out contaminants when not in use.
- Direct wire ground.
- Includes neoprene mounting gasket.

Order No.	Description	Pack	Std Carton
P373	J560 7-way insert, solid pins	poly pack	25
P411	J560 7-way insert, split pins	poly pack	25

Spec Your Trailer With the **DEFENDER** Harness and LED Lighting System.

Stay lit and stay on the road with the only harness and LED lighting system guaranteed* for **10 years** against corrosion. With heavy-duty terminals, integrated moisture barrier, advanced silicone seals, modular design, and a patented hard-shell J560 connector — **DEFENDER** stops corrosion *before* it starts. When you need to deliver, drive with **DEFENDER**.

PETERSON VEHICLE SAFETY LIGHTING

Maxi-Seal HARNESS SYSTEMS INC.

*See dealer for details.

2730
Accessory Plug/Socket

VIZ PACK

- Polycarbonate plastic accessory plug and socket.
- Nickel-plated, phosphor-bronze metals for corrosion resistance.
- Socket fits all types of 12-volt accessories.
- Includes O-ring gasket and weather flap for protection.
- Plug features easy, no-solder, screw trap connection.

Order No.	Description	Pack	Std Carton
V2730	plug and socket set	Viz Pack	6
V2730S	socket	Viz Pack	6
V2730P	plug	Viz Pack	6
M2730S	socket	mfg. pack	48
M2730P	plug	mfg. pack	48

5404
Round 4-Way Connector

- Round, four-way trunk and trailer connector.
- Bright chrome-plated finish.
- Spring loaded cover on trunk connector.
- Brass contacts.

Order No.	Description	Pack	Std Carton
5404	complete kit	poly pack	10

5406
Round 6-Way Connector

- Round, 6-way male and female connectors.
- Molded interiors.
- Stainless steel spring on receptacle cover protects against corrosion and helps ensure dust and water-resistant seal.

Order No.	Description	Pack	Std Carton
5406P	plug	poly pack	10
5406S	socket	poly pack	10

5407
Round 7-Way Connector

- 7-way male and female connectors for heavy duty use.
- Diecast zinc construction.
- Accepts wide range of wire gauges.
- Built-in socket slant provides easy alignment and maximum contact.

Order No.	Description	Pack	Std Carton
5407P	plug	poly pack	10
5407S	socket	poly pack	10

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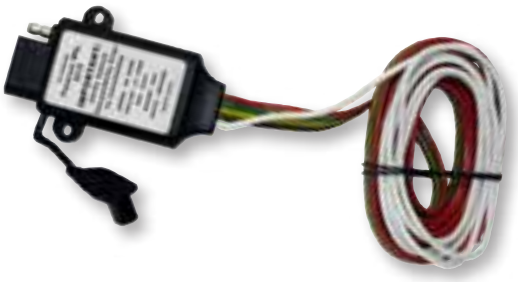


5410
Tail Light Converter

VIZ PACK

- Use in place of our 5400B trunk connector when towing vehicle utilizes turn signal separate from stop/tail lamp.
- Converts 5-wire system down to 4-wire system.
- Heavy-duty, 10-amp transistors prevent premature failure.
- Includes all electrical connections and installations instructions.

Order No.	Description	Pack	Std Carton
V5410	complete kit	Viz Pack	6
B5410	complete kit	mfg. pack	24

5411
4-Way Flat Tester

VIZ PACK

- Tester plugs into connector of tow vehicle and illuminates when the electrical connections are correct.
- Tests to SAE standards on flat 4-way functions for tail light, stop/turn lights, and ground.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V5411	tester	Viz Pack	6

5413
6 to 4-Way Harness Adapter

VIZ PACK

- Converts 6-Way Round connector to 4-Way Flat connector.
- Easily adapts tow vehicle connector to trailer connector.
- Full length plug shell ensures positive latching.
- Non-corrosive nylon shell.
- 7A max current through ground. Sum of all current through other terminals should not exceed 7 amps.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V5413	3" length	Viz Pack	6

5414
7 to 4-Way Harness Adapter

VIZ PACK

- Converts 7-Way Round blade connector to 4-Way Flat pin connector.
- Easily adapts tow vehicle connector to trailer connector.
- Full-length plug shell ensures positive latching.
- Features non-corrosive nylon shell.
- 7A max current through ground. Sum of all current through other terminals should not exceed 7 amps.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V5414	3 1/2" length	Viz Pack	6
5414	3 1/2" length	poly pack	12

5415
7 to 5-Way Harness Adapter

VIZ PACK

- Converts 7-Way Round blade connector to 5-Way Flat pin connector.
- Easily adapts tow vehicle connector to trailer connector.
- Simply plug adapter into tow vehicle connector and plug in trailer connector.
- Full length plug shell ensures positive latching.
- Non-corrosive nylon shell.
- 7A max current through ground. Sum of all current through other terminals should not exceed 7 amps.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V5415	4" length	Viz Pack	6
5415	4" length	poly pack	12

5416
7 to 4-Way Harness Adapter

VIZ PACK

- Converts 7-Way Round pin connector to 4-Way Flat pin connector
- Easily adapts tow vehicle connector to trailer connector.
- Full length plug shell ensures positive latching.
- Non-corrosive nylon shell.
- 7A max current through ground. Sum of all current through other terminals should not exceed 7 amps.
- Self-service Viz Pack packaging.

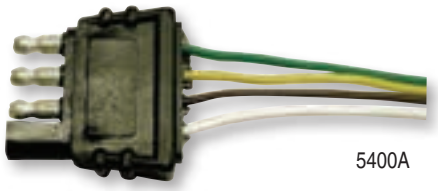
Order No.	Description	Pack	Std Carton
V5416	4" length	Viz Pack	6

5417
7 to 6-Way Harness Adapter

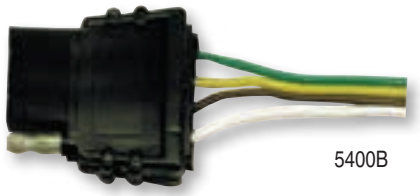
VIZ PACK

- Converts 7-Way Round blade connector to 6-Way Round pin connector.
- Easily adapts tow vehicle connector to trailer connector.
- Full length plug shell ensures positive latching.
- Non-corrosive nylon shell.
- 7A max current through ground. Sum of all current through other terminals should not exceed 7 amps.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V5417	4" length	Viz Pack	6



5400A



5400B

5400A
Trailer Connector

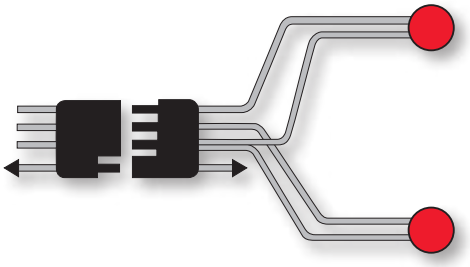
- Flat four-way trailer connector.
- 5400A has 12" lead wires.
- 5400B has three 48" lead wires and 12" ground wire.
- Color coded wire meets SAE J1128 specifications.
- Plug meets SAE J1239 specifications.

Order No.	Description	Pack	Std Carton
V5400A	4-way trailer connector	Viz Pack	6
V5400B	4-way trunk connector	Viz Pack	6
B5400A	4-way trailer connector	mfg. pack	100
B5400B	4-way truck connector	mfg. pack	100

5401
Trailer/Trunk Extension Harnesses

- 30" harness extension.
- Available in both 4-way and 5-way flat configurations.
- Each configuration has trailer connector on one end and trunk connector on other.
- Perfect for those times when an extension is needed between the tow vehicle and trailer.

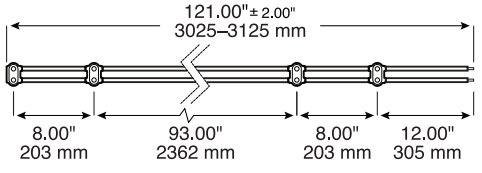
Order No.	Description	Pack	Std Carton
V5401	4-way	Viz Pack	6



5425
Split Trailer Harness Kit

- 25', split, four conductor harness.
- Designed to split at trailer tongue and run down each side of frame.
- Flat four-way plug meets SAE J1239 specifications, includes trunk connector.
- Color-coded wire meets SAE J1128 specifications.

Order No.	Description	Pack	Std Carton
V5425Y	complete kit	Viz Pack	6
B5425Y	complete kit	mfg. pack	25



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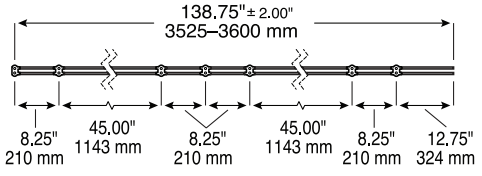
2412



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2712

2412/2712
Clearance/Marker/ID Wire Harness

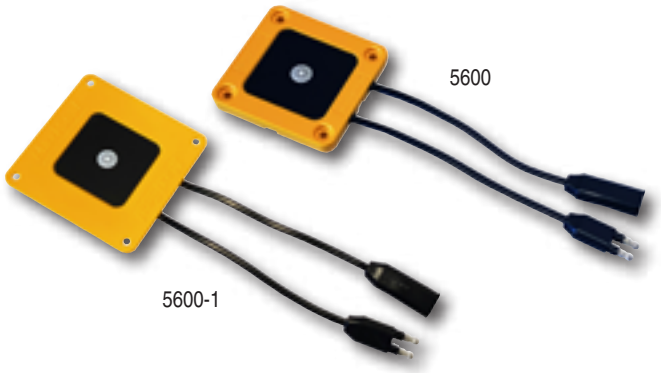
- Front clearance and side marker harness features 16-gauge wire with four molded plugs.
- Rear clearance, rear side marker, and identification light harness features 18-gauge wire with seven molded plugs.

Order No.	Description	Pack	Std Carton
B2412	front, 10'	mfg. pack	50
B2712	rear, 11'	mfg. pack	50

2578
Breakaway Switch

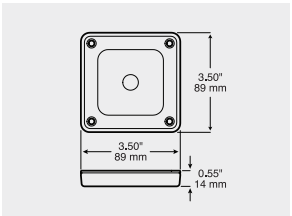
- Required by law in some states.
- Ensures braking on towed vehicle during an accidental separation of trailer and towing vehicle.
- Emergency use only, not for braking when parked or stored.

Order No.	Description	Pack	Std Carton
2578	switch w/ lanyard	mfg. pack	120
2578-1	lanyard only	mfg. pack	250

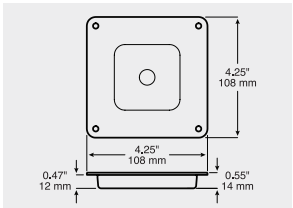


Two Bullet Connector Styles

5600, 5601, 5602 5603



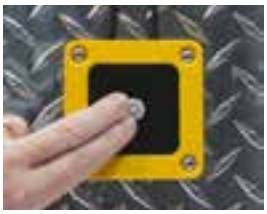
Surface Mount
5600, 5602, 5603



Recessed Mount
5600-1, 5601

5600
Timer Box Switch

USA MADE · MV Multi-Volt 12V & 24V



- 10 amp maximum load.
- IP68 ingress rating. Suitable for installation inside or outside of vehicle.
- Pre-programmed for 30, 60, or 90 minutes of ON time per button push.
- 5600 and 5603 versions can be programmed for up to 2 hours of constant ON time by pressing the button up to 4 times (30 min added per push).
- Additional time can be added at any time, up to maximum.
- Lights flash per button push to indicate that command is received.
- Pushing and holding button turns off lights at any time.
- "2 minute warning" slowly dims and raises light level prior to shut-off.
- 9–32 volt operating range.
- Must be used in conjunction with 10 amp fuse for circuit protection.
- 5603 has 90" leads w/ individual bullet plugs rather than unified connector.

Order No.	Description	Leads	Interval	Max Time	Pack	Std Carton
P5600	surface	8"	30 min	120 min	poly pack	12
P5600-1	recessed	8"	30 min	120 min	poly pack	12
5600	surface	8"	30 min	120 min	mfg. pack	50
5600-1	recessed	8"	30 min	120 min	mfg. pack	50
5601	recessed, orange	8"	60 min	60 min	mfg. pack	50
5602	surface	8"	90 min	90 min	mfg. pack	50
5603	surface, 2 plugs	90"	30 min	120 min	mfg. pack	2

520-40 Nightwatcher® LX
40 Amp Relay

VIZ PACK

- Universal relay for safety and protection.
- 40-amp heavy duty capacity.
- Guards against overloads and arcing.
- 12-volt only.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V520-40	relay	Viz Pack	12

520-41 Nightwatcher® LX Illuminated Rocker Switch

VIZ PACK

- Universal rocker switch for all quartz halogen lamps and other lighting applications.
- Illuminated.
- 15 amp capacity.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V520-41	rocker switch	Viz Pack	12

19-41 Back-Up Mechanical Switch

USA MADE

- For vehicles not originally equipped with back-up lights.
- Heavy-duty, water and dust tight switch with 360 degree movement.
- Includes mounting bracket and cable grip connector.
- 12-36V DC, 5 amps max.
- Meets SAE J249 specifications.

Order No.	Description	Pack	Std Carton
19-41	heavy-duty	box	12

500 Turn Signal Switch

VIZ PACK

- 7-wire unit for vehicles with combination stop and turn signal lamps requiring brake light circuit.
- Includes built-in pilot lights to indicate left and right turn.
- Heavy diecast flat black enamel housing w/ chrome-plated lever.
- Hazard warning switch with hazard pilot light.
- Supplied with universal steering column clamp and in-line fuse.
- Flasher not included.

Order No.	Description	Pack	Std Carton
V500	7-wire	Viz Pack	6
500	7-wire	box	6

5501 Switch Panel

VIZ PACK

- Durable black plastic mounts easily for convenient switch mounting.
- 1/2" diameter hole accommodates most standard toggle switches.
- Also accepts PMV5525PT indicator light.

Order No.	Description	Pack	Std Carton
PMV5501PT	black	Viz Pack	1

Order No.	Description	Std Carton
PMV5503PT	ignition switch – 4 stud .75" dia. hole 30A	1

Order No.	Description	Std Carton
PMV5504PT	flush mount horn button black plastic with nickel plated housing 5A 12V	1

Order No.	Description	Std Carton
PMV5509PT	HD momentary on push-button w/boot 60A 12V	1

Order No.	Description	Std Carton
PMV5512PT	push-button momentary on switch 5/8" mount hole 15A 12V 25A 6V	1

Order No.	Description	Std Carton
PMV5522PT	heavy duty push/pull on-off switch 3/8" mount hole with chrome plated metal knob and 2 screws 75A 6-28V	1

Order No.	Description	Std Carton
PMV5579PT	euro switch push/pull on-off 5/16 mount hole with screws 12V 16A	1

Order No.	Description	Std Carton
PMV5510PT	on-off metal bat handle toggle SPST switch with 2 screws 15A 12V	1

Order No.	Description	Std Carton
PMV5511PT	metal ball handle SPST toggle 3A/250V 5A/125V	1

VIZ PACK

Order No.	Description	Std Carton
PMV5513PT	weather resistant on-off toggle SPST switch with toggle boot 20A 12V	1

VIZ PACK

Order No.	Description	Std Carton
PMV5536PT	illuminated red on-off SPST toggle switch 1/2" mount hole with 1/4" blades 16A 12V	1

VIZ PACK

Order No.	Description	Std Carton
PMV5537PT	illuminated blue on-off SPST toggle switch 1/2" mount hole with 1/4" blades 16A 12V	1

VIZ PACK

Order No.	Description	Std Carton
PMV5540PT	black on-off SPST toggle switch 1/2" mount hole with 1/4" blades 16A 12V	1

VIZ PACK

Order No.	Description	Std Carton
PMV5543PT	heavy duty on-off-on SPDT toggle switch die cast 3 copper screw tabs and 3 brass screws 1/2" mount hole with indicator plate 50A 6-12V	1

VIZ PACK

Order No.	Description	Std Carton
PMV5544PT	heavy duty on-off-on momentary SPDT toggle switch die cast 3 copper screw tabs and 3 brass screws 1/2" mount hole with indicator plate 50A 6-12V	1

VIZ PACK

Order No.	Description	Std Carton
PMV5545PT	heavy duty SPST die cast 2 copper screw tabs and 2 brass screws 1/2" mount hole with indicator plate 50A 6-12V	1

VIZ PACK

Order No.	Description	Std Carton
PMV5546PT	on-off-on metal bat handle SPDT toggle switch 1/2" mount hole with indicator plate 15A 12V	1

Order No.	Description	Std Carton
PMV5560PT	illuminated red led on-off SPST toggle switch 1/2" mount hole with 1/4" blades 12V 10A	1

Order No.	Description	Std Carton
PMV5561PT	illuminated blue led on-off SPST toggle switch 1/2" mount hole with 1/4" blades 12V 10A	1

Order No.	Description	Std Carton
PMV5562PT	illuminated amber led on-off SPST toggle switch 1/2" mount hole with 1/4" blades 12V 10A	1

Order No.	Description	Std Carton
PMV5563PT	illuminated green led on-off SPST toggle switch 1/2" mount hole with 1/4" blades 12V 10A	1

Order No.	Description	Std Carton
PMV5571PT	On-Off SPST Toggle Switch with Red LED Indicator Light in Brushed Aluminum Bat Handle 12 Volt 15 Amp	1

Order No.	Description	Std Carton
PMV5572PT	heavy duty on-off SPST toggle switch die cast red handle 2 copper screw tabs and 2 brass screws 1/2" mount hole with indicator plate 50A 6-12V	1

Order No.	Description	Std Carton
PMV5576PT	on-off metal bat handle toggle SPST switch with indicator plate 3A 240 vac 6A 120 vac	1

Order No.	Description	Std Carton
PMV5577PT	on-off metal bat handle toggle SPST switch with indicator plate 20A 12V	1

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VIZ PACK

Order No.	Description	Std Carton
PMV5570PT	weather resistant boot with threaded mounting nut for toggle switches fits 3/8" to 5/8" by 1/2" toggle	1

VIZ PACK

Order No.	Description	Std Carton
PMV5530PT	illuminated red on-off SPST rocker switch with 1/4" blades 16A 12V	1

VIZ PACK

Order No.	Description	Std Carton
PMV5580PT	illuminated red on-off oblong rocker switch 1/2" mount hole and 1/4" blades 25A 12V	1

VIZ PACK

Order No.	Description	Std Carton
PMV5583PT	illuminated green on-off oblong rocker switch 1/2" mount hole and 1/4" blades 12V 25A	1

VIZ PACK

Order No.	Description	Std Carton
PMV5584PT	illuminated red led on-off oblong rocker switch 1/2" mount hole and 1/4" blades 12V 25A	1

VIZ PACK

Order No.	Description	Std Carton
PMV5587PT	illuminated green led on-off oblong rocker switch 1/2" mount hole and 1/4" blades 12V 25A	1

VIZ PACK

Order No.	Description	Std Carton
PMV5525PT	indicator light - illuminated red 1/2" mount hole with 1/4" blades 16A 12V	1

VIZ PACK

Order No.	Description	Pack	Std Carton
PMV5564PT	indicator light - illum. red, 7/16" mtg hole, 1/4" blades 12V 15A	Viz Pack	1
PM5564PT	indicator light - illum. red, 7/16" mtg hole, 1/4" blades 12V 15A	poly pack	50

0002
Solderless Terminal Assortment

VIZ PACK

- 175 pieces.
- Comes complete in sturdy, closeable plastic container.

Order No.	Description	Pack	Std Carton
PMV0002-T	terminal kit	Viz Pack	1

1585
Alligator Clip Assortment

VIZ PACK

- 6 pieces.
- Assorted sizes and styles.

Order No.	Description	Pack	Std Carton
PMV1585KT	alligator clip assortment	Viz Pack	1

6110
Grommet Assortment

VIZ PACK

- 15 pieces.
- Assorted sizes and styles.

Order No.	Description	Pack	Std Carton
PMV6110PT	grommet assortment	Viz Pack	1

7029
Carburetor Cap Assortment

VIZ PACK

- Durable, flexible vinyl construction
- 40 pieces.
- Assorted sizes and styles.

Order No.	Description	Pack	Std Carton
PMV7029PT	carburetor cap assortment	Viz Pack	1

510-72

511-72

510/511
Frame Clips

USA MADE

- Securely and safely attaches harness to trailer frame.
- Available in medium- or heavy-duty strength.

Order No.	Description	Pack	Std Carton
B510-72	medium-duty	mfg. pack	100
B511-72	heavy-duty	mfg. pack	100

Order No.	Description	Std Carton
PMV0905PT	15 AMP fuse holder 16 AWG Qty 1	1
PMV0906PT	30 AMP fuse holder 12 AWG Qty 1	1

Order No.	Description	Std Carton
PMV0950PT	30 AMP ATC/ATO fuse holder 12 AWG Qty 1	1

Order No.	Description	Std Carton
PMV0961PT	10 AMP fuse holder 16 AWG Qty 1	1
PMV0963PT	20 AMP ATC/ATO fuse holder 12 AWG Qty 1	1

Order No.	Description	Std Carton
PMV0967PT	30 AMP fuse holder 12 AWG Qty 1	1

Order No.	Description	Std Carton
PMV0969PT	60 AMP ATC/ATO fuse holder 8 AWG Qty 1	1

Order No.	Description	Std Carton
PMV0840PT	red & black insul. 30 AMP test Clips Qty 1 set	1

Order No.	Description	Std Carton
PMV1544KT	wire nut blue 22-16 AWG Qty 15	1
PMV1545KT	wire nut orange 18-16 AWG Qty 20	1
PMV1546KT	wire nut yellow 18-12 AWG Qty 8	1

Order No.	Description	Std Carton
PMV1560KT	18-14 AWG quick splice (blue) Qty 5	1
PMV1560PT	18-14 AWG quick splice (blue) Qty 15	1
PMV1560QT	18-14 AWG quick splice (blue) Qty 2	1

Order No.	Description	Std Carton
PMV1100KT	22-16 AWG nylon butt connector Qty 11	1
PMV1100PT	22-16 AWG nylon butt connector Qty 50	1

Order No.	Description	Std Carton
PMV1200KT	16-14 AWG nylon butt connector Qty 11	1
PMV1200PT	16-14 AWG nylon butt connector Qty 50	1

VIZ PACK

Order No.	Description	Std Carton
PMV1268KT	16-14 AWG .157" single bullet recept. Qty 7	1

VIZ PACK

Order No.	Description	Std Carton
PMV1300KT	12-10 AWG nylon butt connector Qty 6	1
PMV1300PT	12-10 AWG nylon butt connector Qty 25	1

VIZ PACK

Order No.	Description	Std Carton
PMV1700KT	22-16 AWG vinyl butt connector Qty 20	1
PMV1700PT	22-16 AWG vinyl butt connector Qty 50	1
PMV1700QT	22-16 AWG vinyl butt connector Qty 5	1

VIZ PACK

Order No.	Description	Std Carton
PMV1705KT	22-16 AWG vinyl #10 ring Qty 20	1

VIZ PACK

Order No.	Description	Std Carton
PMV1725KT	22-16 AWG vinyl #10 spade Qty 18	1

VIZ PACK

Order No.	Description	Std Carton
PMV1749KT	22-16 AWG vinyl .110" female Qty 18	1
PMV1755KT	22-16 AWG vinyl .250" female Qty 18	1
PMV1755QT	22-16 AWG vinyl .250" female Qty 3	1

VIZ PACK

Order No.	Description	Std Carton
PMV1800KT	16-14 AWG vinyl butt connector Qty 20	1
PMV1800PT	16-14 AWG vinyl butt connector Qty 50	1
PMV1800QT	16-14 AWG vinyl butt connector Qty 5	1

VIZ PACK

Order No.	Description	Std Carton
PMV1804KT	16-14 AWG vinyl #8 ring Qty 20	1
PMV1805KT	16-14 AWG vinyl #10 ring Qty 20	1
PMV1805QT	16-14 AWG vinyl #10 ring Qty 5	1

VIZ PACK

Order No.	Description	Std Carton
PMV1806KT	16-14 AWG vinyl 1/4" ring Qty 14	1
PMV1806QT	16-14 AWG vinyl 1/4" ring Qty 3	1

VIZ PACK

Order No.	Description	Std Carton
PMV1808KT	16-14 AWG vinyl 5/16" ring Qty 12	1
PMV1808QT	16-14 AWG vinyl 5/16" ring Qty 3	1
PMV1809KT	16-14 AWG vinyl 3/8" ring Qty 10	1

VIZ PACK

Order No.	Description	Std Carton
PMV1825KT	16-14 AWG vinyl #10 spade Qty 18	1

VIZ PACK

Order No.	Description	Std Carton
PMV1855KT	16-14 AWG vinyl .250" female Qty 20	1
PMV1855PT	16-14 AWG vinyl .250" female Qty 100	1
PMV1855QT	16-14 AWG vinyl .250" female Qty 5	1

VIZ PACK

Order No.	Description	Std Carton
PMV1856KT	16-14 AWG vinyl .250" male Qty 19	1
PMV1856QT	16-14 AWG vinyl .250" male Qty 5	1

VIZ PACK

Order No.	Description	Std Carton
PMV1858KT	16-14 AWG vinyl .157" bullet Qty 19	1
PMV1858QT	16-14 AWG vinyl .157" bullet Qty 5	1

VIZ PACK

Order No.	Description	Std Carton
PMV1864KT	16-14 AWG nylon .250" fully insul. male Qty 10	1
PMV1864PT	16-14 AWG nylon .250" fully insul. male Qty 25	1

VIZ PACK

Order No.	Description	Std Carton
PMV1865KT	16-14 AWG nylon .250" fully insul. female Qty 10	1
PMV1865PT	16-14 AWG nylon .250" fully insul. female Qty 50	1
PMV1865QT	16-14 AWG nylon .250" fully insul. female Qty 2	1

VIZ PACK

Order No.	Description	Std Carton
PMV1900KT	12-10 AWG vinyl butt connector Qty 14	1
PMV1900PT	12-10 AWG vinyl butt connector Qty 25	1
PMV1900QT	12-10 AWG vinyl butt connector Qty 4	1

VIZ PACK

Order No.	Description	Std Carton
PMV1905KT	12-10 AWG vinyl #10 ring Qty 14	1
PMV1905QT	12-10 AWG vinyl #10 ring Qty 3	1

VIZ PACK

Order No.	Description	Std Carton
PMV1906KT	12-10 AWG vinyl 1/4" ring Qty 12	1
PMV1906PT	12-10 AWG vinyl 1/4" ring Qty 25	1
PMV1908KT	12-10 AWG vinyl 5/16" ring Qty 11	1
PMV1908PT	12-10 AWG vinyl 5/16" ring Qty 25	1

VIZ PACK

Order No.	Description	Std Carton
PMV1909KT	12-10 AWG vinyl 3/8" ring Qty 10	1
PMV1909PT	12-10 AWG vinyl 3/8" ring Qty 25	1
PMV1909QT	12-10 AWG vinyl 3/8" ring Qty 2	1
PMV1913QT	12-10 AWG vinyl 1/2" ring Qty 1	1

Order No.	Description	Std Carton
PMV1955KT	12-10 AWG vinyl .250" female Qty 15	1
PMV1955QT	12-10 AWG vinyl .250" female Qty 3	1

Order No.	Description	Std Carton
PMV1956QT	12-10 AWG vinyl .250" male Qty 3	1

Order No.	Description	Std Carton
PMV2250GT	22-16 AWG adhesive-filled heat shrink butt conn. Qty 25	1
PMV2250PT	22-16 AWG adhesive-filled heat shrink butt conn. Qty 5	1

Order No.	Description	Std Carton
PMV2260GT	16-14 AWG adhesive-filled heat shrink butt conn. Qty 25	1
PMV2260PT	16-14 AWG adhesive-filled heat shrink butt conn. Qty 5	1

Order No.	Description	Std Carton
PMV2270GT	12-10 AWG adhesive-filled heat shrink butt conn. Qty 25	1
PMV2270PT	12-10 AWG adhesive-filled heat shrink butt conn. Qty 5	1

Order No.	Description	Std Carton
PMV3157QT	12-10 AWG nylon w/grip .375" female Qty 2	1

Order No.	Description	Std Carton
PMV4008KT	8 AWG 5/16" brazed ring Qty 5	1

Order No.	Description	Std Carton
PMV4050KT	8 AWG insul. lug connector Qty 3	1

Order No.	Description	Std Carton
PMV4138KT	6 AWG 5/16" tubular ring Qty 2	1
PMV4238KT	4 AWG 5/16" tubular ring Qty 2	1

Order No.	Description	Std Carton
PMV4239KT	4 AWG 3/8" tubular ring Qty 2	1
PMV4339KT	2 AWG 3/8" tubular ring Qty 1	1
PMV4439KT	1/0 AWG 3/8" tubular ring Qty 1	1
PMV4539KT	2/0 AWG 3/8" tubular ring Qty 1	1

VIZ PACK

Order No.	Description	Std Carton
PMV5140PT	black 1/4" convoluted tubing 14'	1
PMV5141PT	black 3/8" convoluted tubing 10'	1
PMV5142PT	black 1/2" convoluted tubing 7'	1
PMV5143PT	black 3/4" convoluted tubing 5'	1

VIZ PACK

Order No.	Description	Std Carton
PMV7064PT	wht 4" nylon tie wrap 18lb tensile strength Qty 25	1
PMV7066PT	wht 6" nylon tie wrap 50lb tensile strength Qty 25	1
PMV7067PT	wht 11" nylon tie wrap 50lb tensile strength Qty 25	1

VIZ PACK

Order No.	Description	Std Carton
PMV7074PT	blk 4" nylon tie wrap 18lb tensile strength Qty 25	1
PMV7076PT	blk 6" nylon tie wrap 50lb tensile strength Qty 25	1
PMV7077PT	blk 11" nylon tie wrap 50lb tensile strength Qty 25	1

VIZ PACK

Order No.	Description	Std Carton
PMV7120QT	1/4" nylon clamp Qty 7	1

VIZ PACK

Order No.	Description	Std Carton
PMV81101PT	10 AWG red primary wire 10'	1
PMV81121PT	12 AWG red primary wire 12'	1
PMV81141PT	14 AWG red primary wire 20'	1
PMV81161PT	16 AWG red primary wire 25'	1
PMV81181PT	18 AWG red primary wire 35'	1

VIZ PACK

Order No.	Description	Std Carton
PMV81103PT	10 AWG black primary wire 10'	1
PMV81123PT	12 AWG black primary wire 12'	1
PMV81143PT	14 AWG black primary wire 20'	1
PMV81163PT	16 AWG black primary wire 25'	1
PMV81183PT	18 AWG black primary wire 35'	1

VIZ PACK

Order No.	Description	Std Carton
PMV81142PT	14 AWG yellow primary wire 20'	1
PMV81162PT	16 AWG yellow primary wire 25'	1

VIZ PACK

Order No.	Description	Std Carton
PMV81147PT	14 AWG white primary wire 20'	1
PMV81187PT	18 AWG white primary wire 35'	1

VIZ PACK

Order No.	Description	Std Carton
PMV81164PT	16 AWG green primary wire 25'	1
PMV81145PT	14 AWG blue primary wire 20'	1
PMV81165PT	16 AWG blue primary wire 25'	1
PMV81166PT	16 AWG brown primary wire 25'	1

VIZ PACK

Order No.	Description	Std Carton
PMV8221PT	1/4" single Wall black Shrink Tubing Qty 4	1
PMV8226PT	assorted Shrink Tubing Qty 4	1

ECK
Anti-Corrosive Dielectric Grease

USA MADE

- Protects aluminum and stainless steel against electrolytic reaction.
- Isolates dissimilar metals.
- Dielectric, suitable for use on electrical components.
- Contains anti-seize lubricant.
- 3.75 oz. tube.

Order No.	Description	Pack	Std Carton
PM-ECK-T	3.75 oz.	tube	24

0099/103T
Dielectric Grease

VIZ PACK

- Keeps battery terminals corrosion free.
- Seals High Energy ignition systems.
- Prevents voltage leakage.
- Available in 0.25 ounce and 3 ounce tubes.

Order No.	Description	Pack	Std Carton
PMV0099PT	0.25 oz. tube	Viz Pack	1
PM-103T	3 oz. tube	mfg. pack	60

0300
Crimping Tool

VIZ PACK

- Cuts, strips and crimps 10 ga. to 22 ga. wire.
- Cushioned grips.

Order No.	Description	Pack	Std Carton
PMV0300T	crimping tool	Viz Pack	1

0690
Circuit Tester

VIZ PACK

- Equipped with aliigator clip and metal probe.
- Test bulb illuminates inside non-conductive handle.
- Compatible with 6-12 volt circuits.

Order No.	Description	Pack	Std Carton
PMV0690PT	circuit tester	Viz Pack	1

1575
Test Lead Set

VIZ PACK

- Set of two 30" leads.
- Alligator clips on both ends.
- Red and black insulation.

Order No.	Description	Pack	Std Carton
PMV1575PT	test lead set	Viz Pack	1

CHOOSING SUPERIOR QUALITY CONSPICUITY PRODUCTS IS A CRITICAL SAFETY ENHANCEMENT

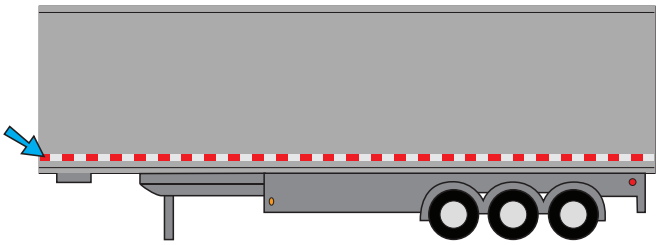
Every trip, every road, whether day or night.

NOT ALL REFLECTIVE MATERIALS ARE THE SAME

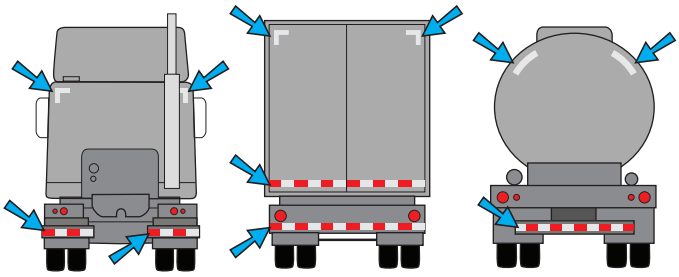
Road vehicles need more than lighting. Conspicuity tape and retro-reflectors are designed to reflect light back towards the source, no matter what angle it comes from. Unlike the glass beads found in less advanced reflective materials, Peterson conspicuity tapes use **precision-shaped microprisms** that reflect up to 250% more efficiently than bargin tapes. That higher performance is vital over longer distances and when visibility is reduced.

QUALITY THAT LASTS FOR THE LONG HAUL

There is more to tape performance than just the microprisms we use. The performance of your conspicuity equipment shouldn't degrade over time. Peterson specifies **state-of-the-art backing materials** and **industrial-grade adhesives** to maintain the highest visibility to other motorists long after installation.



Trailer sides must have one horizontal 2" wide strip or two 1" wide strips of red/white reflective tape running the entire length of the trailer, 15" to 60" above the ground. Either one continuous strip or intermittent strips evenly spaced to cover at least half the length of the trailer is permitted.



At the rear, 2" wide red/white reflective tape must run the width of the trailer. Additionally, 2" wide red/white reflective tape must be placed on the horizontal bar of the underride bumper, as well as 2" x 11.8" (300mm) white strips horizontally and vertically in the upper corners.

CURRENT FEDERAL REGULATIONS REQUIRE ALL TRAILERS OVER 80" WIDE AND OVER 10,000 POUNDS GVWR TO BE EQUIPPED WITH CONSPICUITY TREATMENT.

HEAVY DUTY TRUCK & TRAILER FEDERAL CONSPICUITY REQUIREMENTS

Per FMVSS 108 (49CFR 571.108) – "DOT-C2 compliant"
Required for heavy-duty trucks, trailers, tankers, dump trucks, tow trucks, etc.
Recommended for light-duty service bodies, vans and pick-ups.
Alternating RED/WHITE conspicuity tape is required on all new heavy-duty trailers manufactured after Dec. 1, 1993.

APPLICATION LOCATIONS

Rear Upper Body

- 12" WHITE strips placed in the upper rear corners

Rear Lower Body

- 2" wide RED/WHITE tape placed on rear full width of vehicle
- 2" wide RED/WHITE tape minimum 24" length on fender, mudflap brackets or within 12" below the top of mud flaps

Side Marking

- 2" wide RED/WHITE tape placed on each side of trailer continuous or evenly spaced over 50% of the vehicle

CUSTOM LOGO TAPE

IS AVAILABLE FROM

PETERSON!

NO first-time art and set-up charges.

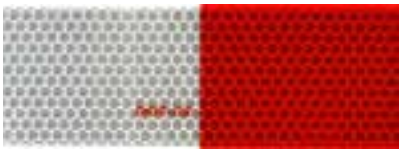
Minimum order requirement for custom logo tape is 105 rolls per order.

HOW TO ORDER

- Contact Peterson Customer Service. Call **816-765-2000** or E-mail **orders@pmlights.com** with customer logo art (vector PDF or EPS file) and P.O. for first order.
- First order lead time is 8 weeks from screen approval (not P.O.). Lead time is 2 weeks on second and subsequent orders.
- Free drop ship directly to customer for all custom logo tape P.O.s.
- Additional special orders can be handled with Peterson Customer Service.

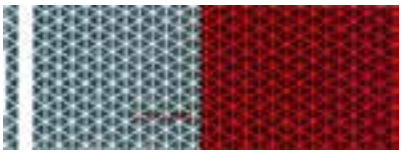
V82

1000 Candlepower, 10 Year Warranty
Single-layer polyester film that is extremely flexible. Cannot delaminate like two-layer tape, so it maintains reflectivity after impact and can be riveted through.
Maximum nighttime reflectivity.



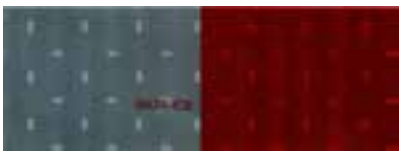
V59 High Intensity Prismatic (HIP)

10 Year Warranty
Air-backed, two-layer High Intensity Prismatic Tape is whiter in daylight than traditional polyester tape. Tape is sealed at edges and must not be punctured, or delamination may occur.
Maximum daytime visibility.



V92 DAYBRIGHT

600 Candlepower, 5 Year Warranty
Single-layer polyester film that is extremely flexible. Cannot delaminate like two-layer tape, so it maintains reflectivity after impact and can be riveted through.
DAYBRIGHT white lines in pattern for increased daytime visibility.



V42

600 Candlepower, 3 Year Warranty
Single-layer polyester film that's a cost effective solution for retrofitting existing trucks and trailers.

V98

Conformable graphic sheeting meets NFPA 1901 standard, 5 Year Warranty
Thin, weather-resistant prismatic tape. Vinyl construction to conform to vehicle shapes and curves. Maintains reflectivity after impact.

PM® Conspicuity Tape Selection Guide

		STYLE	V82 1000 Candlepower		V59 H.I.P.	V92 – 600 CP *DAYBRIGHT*	V42 600 CP
		WARRANTY	10 Years		10 Years	5 Years	3 Years
		WIDTH	1" / 1.45"	2"	2"	2"	2"
TAPE ROLLS*	464	6" White x 6" Red		464-2		464-1	
	463 465	7" White x 11" Red	465-5 (1")	465-2	NEW 465-3	463-1 (30' roll) 465-1 (150' roll)	NEW 465-4
	467	ALL WHITE				467-1	
	469	YELLOW	469 (1.45")	469-1	NEW 469-3		
TAPE STRIPS	465	7" White x 11" Red				465K (8 pack) 465-4K (4 pack)	
	467 486	ALL WHITE		B486W (24" Curved)		467-4K (4 pack)	
	468	ALL RED				468-1C†	

**All rolls are 150' in length except as noted*

†For auxiliary use only in USA

Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com

CONSPICUITY TAPE ROLLS

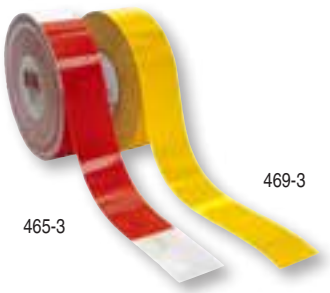
464-2 465-2 465-5 469 469-1

10-Year, 1000 Candlepower Polyester Film Tape Rolls

USA MADE

- Ten year warranty.
- UV-stabilized and weather resistant high performance polyester film.
- No edge sealing requirement and can be riveted through.
- Single layer prismatic construction maintains reflectivity after impact.
- Industrial-strength adhesive to mount on flat or curved surfaces.

Order No.	CP	Wdth	Lgth	Style	Pattern	Pack	Std Carton
464-2	1000	2"	150'	V82	6" white x 6" red	box	1
465-2	1000	2"	150'	V82	7" white x 11" red	box	1
465-5	1000	1"	150'	V82	7" white x 11" red	box	1
469	1000	1.45"	150'	V82	yellow	box	1
469-1	1000	2"	150'	V82	yellow	box	1



465-3 469-3

10-Year, High Intensity Prismatic (HIP) Tape Rolls

USA MADE

- High Intensity Prismatic Tape is whiter in daylight than traditional polyester.
- Air-backed, two-layer tape is sealed at edges.
- Industrial-strength adhesive to mount on flat or curved surfaces.

Order No.	CP	Wdth	Lgth	Style	Pattern	Pack	Std Carton
465-3	HIP	2"	150'	V59	7" white x 11" red	box	1
469-3	HIP	2"	150'	V59	yellow	box	1

463-1 464-1 465-1 467-1 468-1C

5-Year, 600 Candlepower *DAYBRIGHT* Tape Rolls

USA MADE

- White lines in pattern for maximum DAYTIME visibility.
- Five year warranty.
- UV-stabilized and weather resistant high performance polyester film.
- No edge sealing requirement and can be riveted through.
- Single layer prismatic construction maintains reflectivity after impact.
- Industrial-strength adhesive to mount on flat or curved surfaces.
- Each roll contains 150 feet of tape, except 463-1 (which has 30').
- 468-1C is for auxiliary use only in USA.

Order No.	CP	Wdth	Lgth	Style	Pattern	Pack	Std Carton
463-1	600	2"	30'	V92	7" white x 11" red	box	1
464-1	600	2"	150'	V92	6" white x 6" red	box	1
465-1	600	2"	150'	V92	7" white x 11" red	box	1
467-1	600	2"	150'	V92	all white	box	1
468-1C	600	2"	150'	V92	all red	box	1

3-Year, 600 Candlepower Reflective Tape Roll

USA MADE

- Three year warranty.
- UV-stabilized and weather resistant high performance polyester film.
- No edge sealing requirement and can be riveted through.
- Single layer prismatic construction maintains reflectivity after impact.
- Industrial-strength adhesive to mount on flat or curved surfaces.

Order No.	CP	Wdth	Lgth	Style	Pattern	Pack	Std Carton
465-4	600	2"	150'	V42	7" white x 11" red	box	1

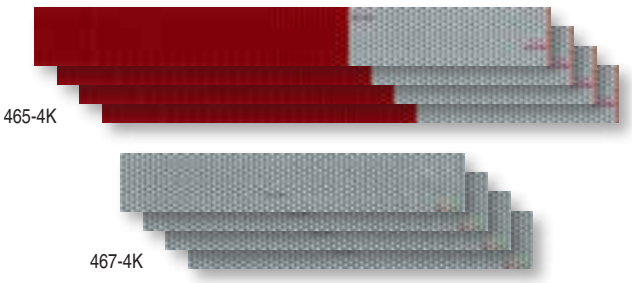
CONSPICUITY TAPE STRIPS

470-1
Conformable Reflective Graphic Roll

USA MADE

- Five year warranty.
- Weather resistant, high performance, prismatic vinyl.
- Thin, flexible construction conforms to vehicle shapes and curves.
- Compliant to NFPA 1901 standard

Order No.	CP	Wdth	Lgth	Style	Pattern	Pack	Std Carton
470-1		2"	150'	V98	lime	box	1

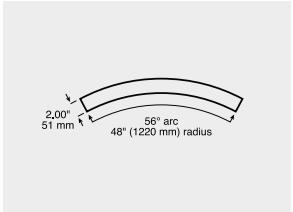


465K
5-Year, 600 Candlepower *DAYBRIGHT* Marking Strips

VIZ PACK USA MADE

- High-brightness reflective material rated at 600 candle power.
- UV-stabilized and weather resistant high performance polyester film.
- No edge sealing requirement and can be riveted through.
- Single layer prismatic construction maintains reflectivity after impact.
- Industrial-strength adhesive to mount on flat or curved surfaces.
- Kits contain four or eight strips.

Order No.		CP	Wdth	Lgth	Style	Pattern	Pack	Std Carton
465K	KIT	600	2"	18"	V92	red/white 8-strip kit	Viz Pack	12
465-4K	KIT	600	2"	18"	V92	red/white 4-strip kit	Viz Pack	12
467-4K	KIT	600	2"	11.8"	V92	all white 4-strip kit	Viz Pack	12



486W
10-Year, 1000 Candlepower Tanker Marking Strips

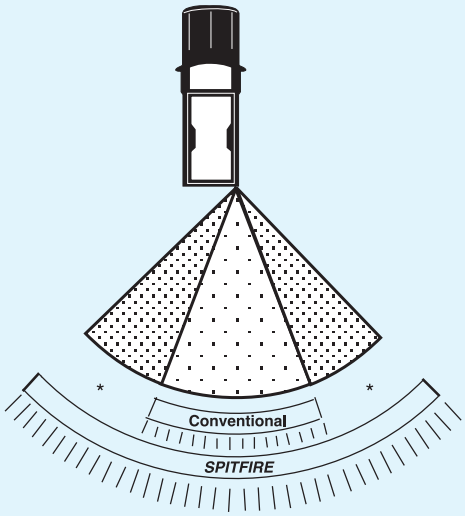
USA MADE

- Reflective material rated at 1000 candle power.
- Tank style white reflector tape.
- Industrial-strength adhesive to mount on flat or curved surfaces.
- 2" wide curved strip.
- Ten year warranty
- Approximately 23.5" long.

Order No.	CP	Wdth	Lgth	Style	Pattern	Pack	Std Carton
B486W	1000	2"	23.5"	V82	all white	box	100

What makes Spitfire® wide angle reflectors so superior?

- 50% wider reflectivity angle than conventional reflectors
- 47,000 microprisms per square inch for superior candle power
- Ultra-thin design—just .012" thick
- Hermetically sealed and unbreakable
- Industrial strength adhesive
- Easy to install on flat or curved surfaces
- Exceed DOT specifications
- Available in amber or red



493 Spitfire®
Pressure-Sensitive Reflector Kit

VIZ PACK USA MADE

- Contains two each: 489, 490, 491 reflectors.
- Available in amber or red.
- High-strength, pressure-sensitive backing adhesive.
- Attractive, self-service visual packaging.

Order No.		Description	Pack	Std Carton
V493KA	KIT	amber kit	Viz Pack	12
V493KR	KIT	red kit	Viz Pack	12

Red and amber Viz Pack kits contain all the reflectors shown at left in attractive, sealed, hangable blister packs.

489 Spitfire®
Pressure-Sensitive Rectangular Reflector

USA MADE

- Rectangular reflector measures 2.75" x 1.75" (70 mm x 45 mm).
- High-strength, pressure-sensitive backing adhesive.
- Meets FMVSS 108 requirements.

Order No.	Description	Pack	Std Carton
489A	amber (6 reflectors per bag)	poly pack	12
489R	red (6 reflectors per bag)	poly pack	12
B489A	amber	mfg. pack	100
B489R	red	mfg. pack	100

490 Spitfire®
Pressure-Sensitive Round Reflector

USA MADE

- Round reflector measures 2.88" (73 mm) diameter.
- High-strength, pressure-sensitive backing adhesive.
- Meets FMVSS 108 requirements.

Order No.	Description	Pack	Std Carton
490A	amber (6 reflectors per bag)	poly pack	12
490R	red (6 reflectors per bag)	poly pack	12
B490A	amber	mfg. pack	100
B490R	red	mfg. pack	100

491 Spitfire®
Pressure-Sensitive Rectangular Reflector

USA MADE

- Rectangular reflector measures 4.31" x 1.69" (110 mm x 43 mm).
- High-strength, pressure-sensitive backing adhesive.
- Meets FMVSS 108 requirements.

Order No.	Description	Pack	Std Carton
491A	amber (6 reflectors per bag)	poly pack	12
491R	red (6 reflectors per bag)	poly pack	12
B491A	amber	mfg. pack	100
B491R	red	mfg. pack	100

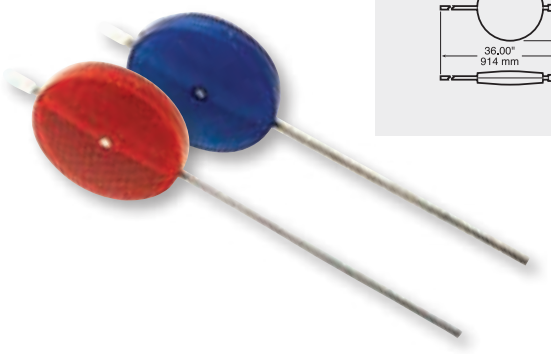
492 Spitfire®
Pressure-Sensitive Rectangular Reflector

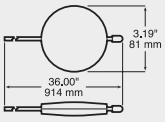
USA MADE

- Rectangular reflector measures 4.31" x 13/16" (110 mm x 21 mm).
- High-strength, pressure-sensitive backing adhesive.
- Ideal for applications where space is minimal.
- **For auxiliary use only.** Does not feature labeling required to meet FMVSS 108 requirements.

Order No.	Description	Pack	Std Carton
B492A	amber	mfg. pack	100
B492R	red	mfg. pack	100

DRIVEWAY MARKERS & REFLECTORS



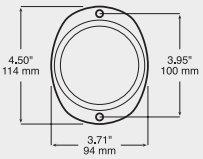


461
Driveway Marker

USA MADE

- 3" diameter, double-sided, acrylic reflector.
- 3/16" galvanized steel post.
- Available with 36" or 48" post lengths.
- Available in red or blue.

Order No.	Description	Pack	Std Carton
461B	36" blue	box	6
461R	36" red	box	6
461B-48	48" blue	box	12
461R-48	48" red	box	12

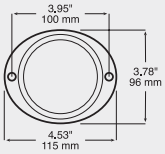


460
Steel Oval Reflector

USA MADE

- 3 1/4" diameter acrylic lens.
- Bright-plated, heavy-gauge steel housing.
- Two-piece construction features double strength lens guard.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
B460A	amber	mfg. pack	100
B460R	red	mfg. pack	100

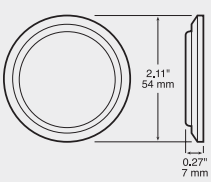


472
Aluminum Oval Reflector

VIZ PACK USA MADE

- 3" diameter acrylic lens.
- Low-profile, oval housing constructed of rustproof aluminum.
- V472 series contains one reflector per Viz Pack.
- Meets FMVSS 108 standards.
- Available in amber or red.

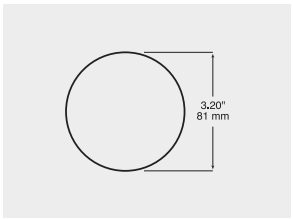
Order No.	Description	Pack	Std Carton
V472A	amber	Viz Pack	12
V472R	red	Viz Pack	12
B472A	amber	mfg. pack	100
B472R	red	mfg. pack	100



474
2" Accessory Reflector

- 2" diameter.
- Stick-on reflector with adhesive back.
- Attractive chrome bezel.
- Ideal for dressing up cars, boats, bicycles and motorcycles.
- For accessory use only; does not meet FMVSS 108 requirements.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
B474A	amber	mfg. pack	100
B474R	red	mfg. pack	100

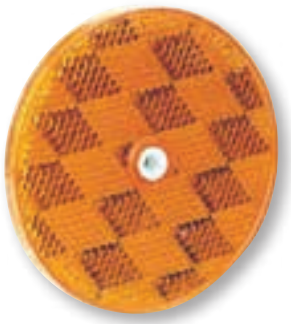


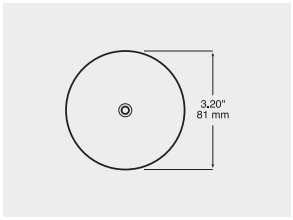
475
Round Quick-Mount Reflector

VIZ PACK

- 3 3/16" diameter acrylic lens.
- Adhesive backing permanently mounts to any clean, flat surface.
- V475 series contains one reflector per Viz Pack.
- Meets FMVSS 108 standards.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
V475A	amber	Viz Pack	12
V475R	red	Viz Pack	12
B475A	amber	mfg. pack	100
B475R	red	mfg. pack	100

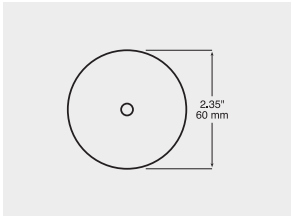




476
Round Center-Mount Reflector

- 3 3/16" diameter.
- Hermetically sealed.
- Center screw mounting.
- 3/16" diameter mounting hole.
- Meets FMVSS 108 standards.
- Available in amber or red.
- Poly bags contain two reflectors per pack.

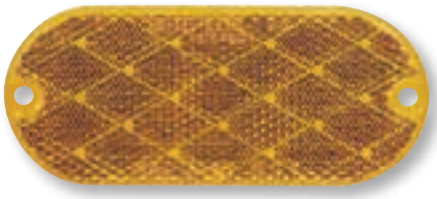
Order No.	Description	Pack	Std Carton
476A	amber, qty. 2	poly pack	12
476R	red, qty. 2	poly pack	12
B476A	amber	mfg. pack	100
B476R	red	mfg. pack	100

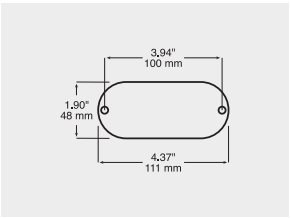


477
Round Center-Mount Reflector

- 2 3/8" diameter.
- Hermetically sealed.
- Center screw mounting.
- 1/4" diameter mounting hole.
- Perfect for any surface area where space is limited.
- Meets FMVSS 108 standards.
- Available in amber or red.
- Poly bags contain two reflectors per pack.

Order No.	Description	Pack	Std Carton
477A	amber, qty. 2	poly pack	12
477R	red, qty. 2	poly pack	12
B477A	amber	mfg. pack	100
B477R	red	mfg. pack	100

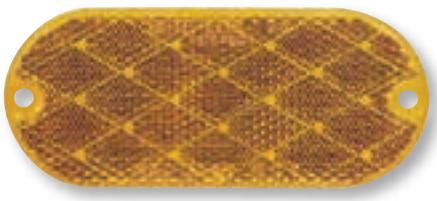


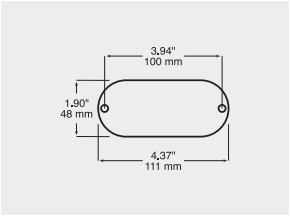


479
Oblong Reflector

- 4 3/8" x 1 7/8" reflector.
- Hermetically sealed acrylic lens.
- Mounts on 3 15/16" centers.
- Meets FMVSS 108 standards.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
B479A	amber	mfg. pack	100
B479R	red	mfg. pack	100



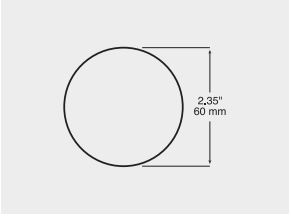


480
Oblong Quick-Mount Reflector

VIZ PACK

- 4 3/8" x 1 7/8" acrylic lens.
- Adhesive backing permanently mounts to any clean, flat surface.
- V480 series contains two reflectors per Viz Pack.
- May also be mounted on 3 15/16" centers.
- Meets FMVSS 108 standards.
- Available in amber or red.

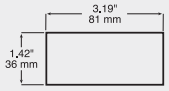
Order No.	Description	Pack	Std Carton
V480A	amber	Viz Pack	6
V480R	red	Viz Pack	6
B480A	amber	mfg. pack	100
B480R	red	mfg. pack	100



481
Round Quick-Mount Reflector

- 2 3/8" acrylic reflector.
- Permanent adhesive backing.
- Ideal for applications where space is minimal.
- Meets FMVSS 108 standards.
- Available in amber or red.
- Poly bags contain two reflectors per pack.

Order No.	Description	Pack	Std Carton
481A	amber, qty. 2	poly pack	12
481R	red, qty. 2	poly pack	12
B481A	amber	mfg. pack	100
B481R	red	mfg. pack	100

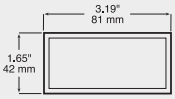


483
Rectangular Quick-Mount Reflector

VIZ PACK

- 3 1/8" x 1 3/8" stick-on reflector.
- Adhesive back for quick and permanent mounting.
- V483 series contains two reflectors per Viz Pack.
- Meets FMVSS 108 standards.
- Available in amber or red.

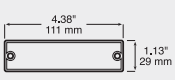
Order No.	Description	Pack	Std Carton
V483A	amber	Viz Pack	12
V483R	red	Viz Pack	12
B483A	amber	mfg. pack	100
B483R	red	mfg. pack	100



484
Rectangular Quick-Mount Reflector

- 3 7/16" x 1 11/16" stick-on reflector.
- Encased in attractive chrome bezel.
- Adhesive back allows quick and permanent mounting.
- Meets FMVSS 108 standards.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
B484A	amber, chrome	mfg. pack	100
B484R	red, chrome	mfg. pack	100



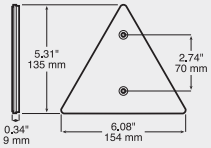
487
Compact Rectangular Reflector

VIZ PACK

- 4 3/8" x 1 1/8" acrylic reflector.
- Features both adhesive backing and mounting holes.
- Perfect for many narrow mounting locations.
- V487 series contains two reflectors per Viz Pack.
- Meets FMVSS 108 standards.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
V487A	amber	Viz Pack	12
V487R	red	Viz Pack	12
B487A	amber	mfg. pack	100
B487R	red	mfg. pack	100

ECE COMPLIANT REFLECTORS

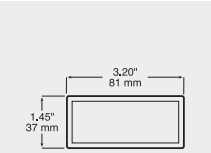


1274
ECE-Compliant Triangular Rear Reflector

ECE EXPORT ONLY

- Meets applicable ECE requirements for trailer use.
- High-strength foam adhesive backing, or equipped with holes for screw mounting.

Order No.	Description	Pack	Std Carton
1274R	triangular reflector	poly pack	25

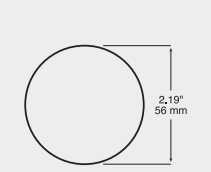


1284
ECE-Compliant Reflector

ECE EXPORT ONLY

- 81 mm x 37 mm (3.2" x 1.45").
- Meets applicable ECE requirements.
- Available in amber, red, and white.

Order No.	Description	Pack	Std Carton
1284A	amber	mfg. pack	250
1284R	red	mfg. pack	250
1284W	white	mfg. pack	250



2753
ECE-Compliant Reflector

ECE EXPORT ONLY

- 56 mm (2.19").
- Meets applicable ECE requirements.

Order No.	Description	Pack	Std Carton
2753A	amber	mfg. pack	100
2753R	red	mfg. pack	100

ECE-approved products are made available for use in export markets that require Economic Commission for Europe (ECE) compliant equipment.

449
Warning Triangle Kit

USA MADE

- Kit contains three folding warning triangles and 20" x 5" x 5" corrosion-free plastic storage box.
- One-piece triangles feature "living hinges" with foldout tabs that lock together.
- Heavy base and non-skid tabs withstand 40 MPH winds.
- Bright fluorescent orange color and high-efficiency reflectors for maximum visibility day or night.
- Meets FMVSS 125.

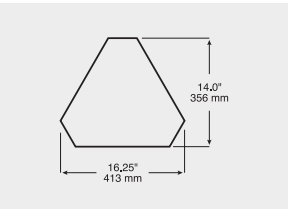
Order No.	Description	Pack	Std Carton
449	complete kit	box	1
449-1	kit, drop ship	box	72

459
SMV Emblems

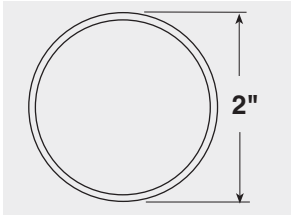
USA MADE

- Standard type warning emblems for slow moving vehicles.
- Bright reflective edge strips and fluorescent orange center.
- Meets ASAE standard S276.5.
- 459 features corrosion-proof backing plate and hardware for either spade or bracket mounting.
- 459-1 features industrial-strength mounting adhesive for flush, no-drill mounting and mounting on slightly curved surfaces.

Order No.	Description	Pack	Std Carton
459	emblem w/ back plate	box	1
459-1	adhesive emblem	box	12



Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com

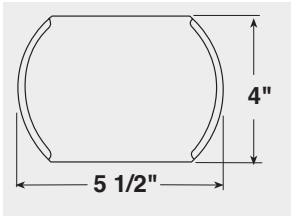


600
2" Round Blind-Spot Mirror

VIZ PACK

- 2" diameter convex glass mirror.
- Aluminum housing.
- Adhesive backing mounts to any smooth, flat surface.
- Packaged one per display card.

Order No.	Description	Pack	Std Carton
V600	aluminum	Viz Pack	12

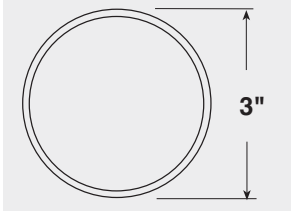


602
Rectangular Blind-Spot Mirror

VIZ PACK

- 4" x 5 1/2" convex glass mirror.
- Aluminum housing.
- Adhesive backing mounts to any smooth, flat surface.
- Packaged one per display card.

Order No.	Description	Pack	Std Carton
V602	aluminum	Viz Pack	12

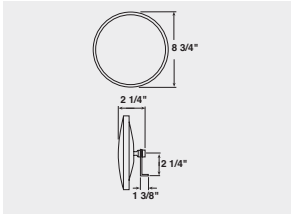


603
Round Blind-Spot Mirrors

VIZ PACK

- 3" diameter convex glass mirror.
- Aluminum housing.
- Adhesive backing mounts to any smooth, flat surface.
- Packaged one per display card.

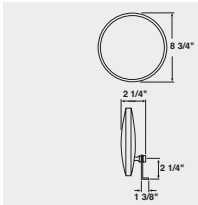
Order No.	Description	Pack	Std Carton
V603	aluminum 3" dia.	Viz Pack	12



608
8" Convex Mirror

- 8" diameter convex glass mirror.
- Adjustable ball stud with 5/16" internal thread.
- Includes bright plated right angle bracket.
- Bright stainless or durable black enamel finish.
- Packaged in see-through display box.

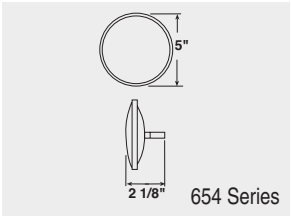
Order No.	Description	Pack	Std Carton
608	black	display box	6
608X	bright stainless	display box	6



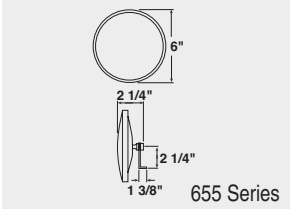
608
Offset Mount 8" Convex Mirror

- 8" diameter convex glass mirror.
- Offset stud allows positioning below West Coast-style mirrors.
- Includes bright plated right angle bracket.
- Bright stainless steel finish.
- Packaged in see-through display box.

Order No.	Description	Pack	Std Carton
608XO	bright stainless	display box	6



654 Series

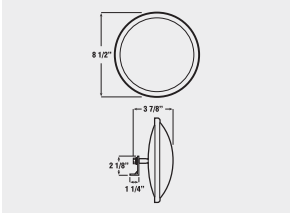


655 Series

654/655
Steel Clamp-On Convex Mirrors

- Convex glass mirror available in 5" and 6" diameters.
- Durable black enamel or stainless steel finish.
- Includes clamp-on, right-angle mounting arm and angle bracket.
- Mounts below West Coast mirror, or clamps to any tubular bracket.
- Packaged in see-through display box.

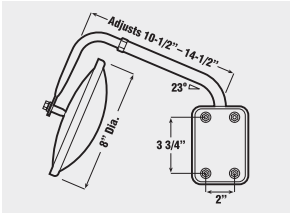
Order No.	Description	Pack	Std Carton
654	5" dia. black	display box	12
654X	5" dia. stainless	display box	12
655	6" dia. black	display box	12
655X	6" dia. stainless	display box	12



658
8" Fisheye Convex Mirror

- Highly convex mirror provides wide-angle fisheye view.
- Extra-large 8" diameter.
- Durable stainless steel finish.
- Includes angle bracket.
- Packaged in see-through display box.

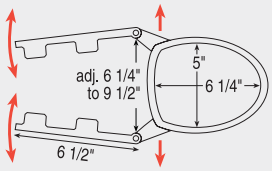
Order No.	Description	Pack	Std Carton
658X	bright stainless	display box	6



668
Pod-Mount Truck Mirror

- 8" convex glass mirror.
- Single arm adjustment is quick, easy and secure.
- Durable stainless steel finish.
- Pod base mounts easily to any flat surface.
- Packaged in see-through display box.
- Accepts 658X as replacement mirror head.

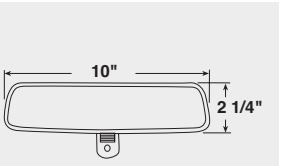
Order No.	Description	Pack	Std Carton
668X	bright stainless	display box	6



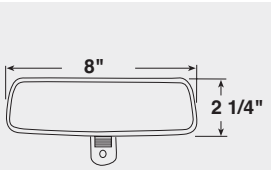
650
Quick-Fit Towing Mirror

- Provides increased viewing area.
- Does not obstruct stock mirror.
- Fits driver or passenger side mirror.
- Double-pivoting adjustable arms attach to nearly all mirrors.
- No-mar flexible rubber straps protect vehicle finish and ensure snug, vibration-free fit.
- Attaches and removes in seconds without tools.

Order No.	Description	Pack	Std Carton
650	black	display box	6



598



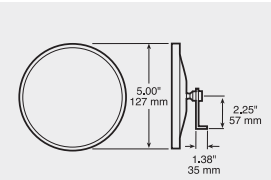
805

598/805
Universal Day/Night Rearview Mirrors

VIZ PACK

- OEM-styled, universal interior rearview mirror for cars and trucks.
- Available in 8" or 10" widths.
- Non-glare/nighttime adjustment switch.
- Black ABS housing.
- Adhesive not included.
- Packaged in full-view clamshell.

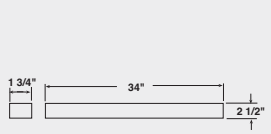
Order No.	Description	Pack	Std Carton
598	10"	Viz Pack	6
805	8"	Viz Pack	6



605
5" Round Mirror

- 5" diameter flat glass mirror.
- Adjustable ball stud with 5/16" internal thread.
- Includes bright plated right angle bracket.
- Durable black enamel finish.
- Packaged in see-through display box.

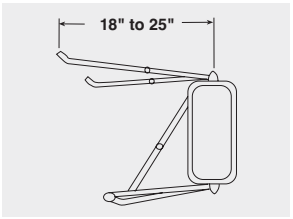
Order No.	Description	Pack	Std Carton
605	black	display box	12



807
Wide-Angle Safety Mirror

- 5-panel mirror design provides broader, safer viewing area.
- Fits most full-size cars, trucks, and vans.
- Special glass eliminates night glare.
- Includes all mounting hardware.

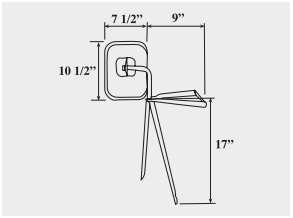
Order No.	Description	Pack	Std Carton
807	5 panel	display box	6



667
Pillow-Back Mirror Assembly

- Fully adjustable West Coast mirror assembly.
- Pillow-back, steel mirror head.
- Domed end caps assure rigidity and protect glass.
- Sturdy 3/4" arms and brace reduce flutter and vibration.
- 18" to 25" horizontal adjustment.
- Bright stainless steel finish.
- Uses replacement mirror head 617X.

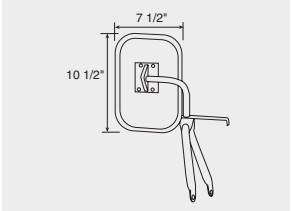
Order No.	Description	Pack	Std Carton
667X	stainless steel	display box	6



810
Universal Swing-Away Mirror

- Bracket assembly fits most passenger car and light trucks.
- Stainless steel mirror head and arms.
- Rubber tips on attachment points of arms protect vehicle finish.
- Packaged in attractive display box.

Order No.	Description	Pack	Std Carton
810	stainless	display box	6
832	replacement head	Viz Pack	6

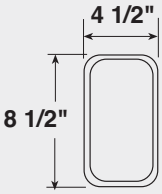


820/821
Universal Swing-Away Mirror

- Universal tripod mount fits Chevrolet, GMC, Ford, and others.
- Reversible for left and right hand application.
- Large mirror head features swing away design.
- 820 has black ABS head and epoxy coated steel arms.
- 821 features all stainless-steel construction.
- Packaged in attractive display, blister box.

Order No.	Description	Pack	Std Carton
820	black	display box	6
821	bright stainless	display box	6
832	stainless replacement head	Viz Pack	6

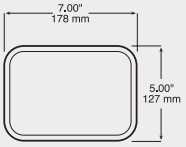
REPLACEMENT MIRROR HEADS



609
Universal Replacement Mirror Head

- Replacement mirror head fits nearly all stud-mount bracket.
- Features white enamel finish and vinyl cushioned glass.
- Rugged, double-washer tensioning for secure positioning.
- Features 1/4" x 1 1/2" offset ball stud.

Order No.	Description	Pack	Std Carton
609	white	display box	24

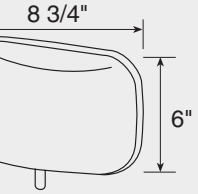


830
Replacement Head for Fender-Mount Mirrors

VIZ PACK

- Stainless steel mirror head.
- Replacement for many universal-fit fender-mount towing mirror assemblies.

Order No.	Description	Pack	Std Carton
830	stainless replacement head	Viz Pack	6

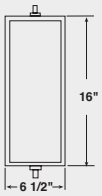


835/836
Low-Mount Replacement Mirror Head

VIZ PACK

- Replacement head for low-mount mirrors on full-size trucks and vans.
- Reversible for both left- and right-hand applications.
- Mirror head features durable, corrosion-free ABS construction.
- Available with black or chrome finish.
- Packaged in full-view clamshell.

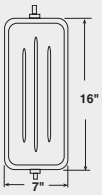
Order No.	Description	Pack	Std Carton
836	chrome replacement head	Viz Pack	6
B835	black replacement head	mfg. pack	16



615
6 1/2" x 16" Economy Replacement Mirror

- Replacement mirror head fits West Coast-style brackets.
- Durable anodized aluminum back with black aluminum end caps.
- 1/4" mounting studs.
- Angled back style.
- Packaged in see-through display box.

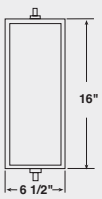
Order No.	Description	Pack	Std Carton
615	aluminum	display box	6



616
7" x 16" Flat Ribbed-Back Replacement Mirror

- Universal OEM-style, West Coast replacement mirror head.
- One-piece design with cushioned glass.
- 5/16" mounting studs.
- Available in black or white enamel finish.
- Packaged in see-through display box.

Order No.	Description	Pack	Std Carton
616	black	display box	6
616W	white	display box	6



617
6 1/2" x 16" Pillow-Back Replacement Mirror

- Universal OEM-style, West Coast replacement mirror head.
- 5/16" center rod.
- Bright, stainless-steel finish.
- Packaged in see-through display box.

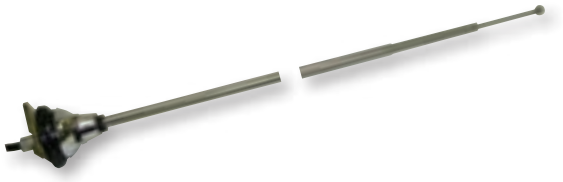
Order No.	Description	Pack	Std Carton
617X	stainless steel	display box	6

95010/95011
Universal Rubber-Mast Antennas

VIZ PACK

- 13" single-section, flexible, rubberized antennas fit most vehicles.
- Available in either top or combination top/side mount.
- Includes swivel base and 54" cable.
- Some applications may require extension cable.

Order No.	Description	Pack	Std Carton
95010-1	top mount, black	Viz Pack	6
95011-1	top/side mount, black	Viz Pack	6
95093-1	144" extension cable	Viz Pack	12

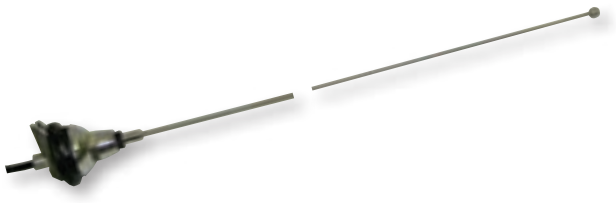


95020
Universal Stainless Steel Antenna

VIZ PACK

- Universal top-mount design.
- Three-section, 38" stainless steel mast.
- Base mounts on 0-30º angle.
- Includes 47" cable.
- Some applications may require extension cable.

Order No.	Description	Pack	Std Carton
95020-1	stainless steel	Viz Pack	6
95093-1	144" extension cable	Viz Pack	12

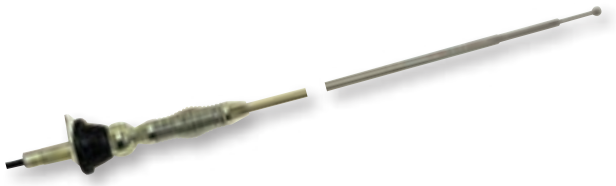


95021/95083/95087
Universal Stainless Steel Antenna

VIZ PACK

- Universal top-mount design.
- Single-section, 31" mast.
- Stainless steel mast.
- Includes 47" cable.
- Some applications may require extension cable.

Order No.	Description	Pack	Std Carton
95021-1	stainless steel	Viz Pack	6
95083-1	black replacement mast	Viz Pack	12
95087-1	stainless replacement mast	Viz Pack	12
95093-1	144" extension cable	Viz Pack	12



95023
Universal Stainless Steel Antenna

VIZ PACK

- Universal top- or side-mount design with swivel base.
- Spring-mounted, three-piece 50" stainless steel mast.
- Includes 47" cable.
- Some applications may require extension cable.

Order No.	Description	Pack	Std Carton
95023-1	stainless steel	Viz Pack	6
95093-1	144" extension cable	Viz Pack	12

95051
Fully Automatic AM/FM Antenna

VIZ PACK

- 30" five-section, stainless steel mast.
- Automatically extends when AM/FM radio is turned on.
- Three mounting heads for universal application.
- Waterproof motor.
- Includes 47" cable.
- 12.5" inches of vertical space is required for installation.

Order No.	Description	Pack	Std Carton
95051-1	stainless steel	Viz Pack	6

95093
Antenna Extension Cable

VIZ PACK

- Universal extension cables include plug and jack.

Order No.	Description	Pack	Std Carton
95093-1	144" extension cable	Viz Pack	12

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62
Bearing Protectors

USA MADE

- Protects against premature bearing failure.
- Automatically feeds grease to the wheel bearing.
- Corrosion-proof, clear polycarbonate housing allows easy monitoring of grease level.
- Stainless steel pressure spring and heavy duty pressure plate.
- Overload outlet prevents component damage when refilling.

Order No.	Description	Pack	Std Carton
B62	1.980" dia.	mfg. pack	200

549 Nightwatcher® LX
100 Watt Halogen Bulb

VIZ PACK

- 100 watt, 12 volt replacement bulb.
- Fits all halogen auxiliary lights using H3 bulb.
- Fits blade and bullet terminals.
- Off road use only.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
VH549	replacement bulb	Viz Pack	12

550 Nightwatcher® LX
55 Watt Halogen Bulb

VIZ PACK

- 55 watt, 12 volt replacement bulb.
- Fits all halogen auxiliary lights using H3 bulb.
- Fits blade and bullet terminals.
- 70 watt, 24 volt version also available.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
VH550	replacement bulb	Viz Pack	12
H3-70W-24V	24 volt version	mfg. pack	1

NOTE! Bulbs noted as "for reference only" are not stocked by Peterson, and should be procured locally.

67 — reference only

13.5 V, 0.59 amp, 4 cp

93 — reference only

14 V, 1.04 amp, 15 cp

97 — reference only

13.5 V, 0.69 amp, 4 cp

168/464 – reference only

168: 14 V, 0.35 amp, 3 cp
464: 28 V, 0.17 amp, 3 cp

193/194 – reference only

193: 14 V, 0.30 amp, 2 cp
194: 14 V, 0.25 amp, 1.5 cp

795/796 – reference only

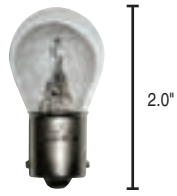
795: 12.8 V, 35 watt, 60 cp
796: 12.8 V, 50 watt, 108 cp

1003 — reference only

12.8 V, 1.17 amp, 15 cp

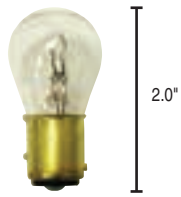
1141 — reference only

12.8 V, 28 watt, 21 cp



1156 — reference only

12.8 V, 2.1 amp, 32 cp



1157 — reference only

Twin filmnt, 12.8/14 V, 2.2/0.59 amp, 32/3 cp

1895 — reference only

14 V, 0.27 amp, 2 cp

2057 — reference only

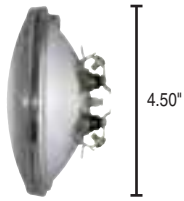
Twin filmnt, 12.8/14 V, 2.1/0.48 amp, 32/2 cp

2357 — reference only

Twin filaments, 12.8/14 V, 2.2/0.59 amp, 40/3 cp

3157 — reference only

Twin filaments, 12.8/14 V, 0.59/0.16 amp, 32/3 cp



4411 — reference only

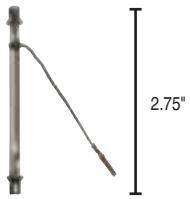
12.8 V, 2.34 amp, 35000 cp
PAR 36, 11° horiz/4° vert beam

1195 — reference only

14 V, 3.0 amp, 50 cp

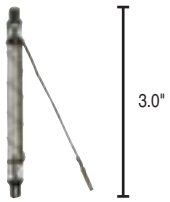
H1/55W

3.0 amp, 14 V, 50 cp



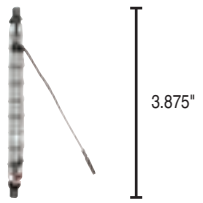
L2-77/L2X-77

L2-77: Fits 765, 769 & 769-1
L2X-77: Fits 769-2



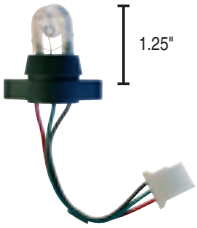
L3-77

Fits 789 strobe beacon



L7-77

Fits 790 & 793 strobe beacons

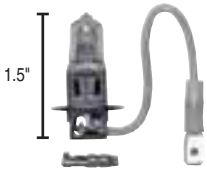


585-77

Fits 788 strobe light

STU15AM-77

Fits 787 strobe light

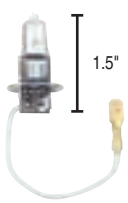


VH549

12 V, 100 watts, 5 amp

VH550

12 V, 4.58 amps, 55 watt
Not for use on 408, 502 & 503 Series



H3-70W-24V

VH550 repl. for 24V systems

PM #	Bulb Type
100	193 or 194
102	193 or 194
104	193 or 194
104-3	193 or 194
106	193 or 194
107	193 or 194
107-24	464
107-3	193 or 194
108	193 or 194
109	97
110	193 or 194
114	193 or 194
115	193 or 194
117	67F
118	97
119	168
120	193 or 194
120-24	464
122	193 or 194
122-24	464
123	97
124	193 or 194
125	193 or 194
126	193 or 194
128	193 or 194
130	193 or 194
130-24	464
131	193 or 194
132	193 or 194
135	193 or 194
136	193 or 194
136-3	193 or 194
137	193 or 194
138	193 or 194
138-24	464
139	193 or 194
159	193 or 194
305	1156
306	2057
313R	1156
313AA	2057
313-2	2057
320	2357
321	2357
324	2357
325	2357
326	2357
334-2	2057
335	2057

PM #	Bulb Type
335-2	2057
337	2057
337-2	2057
339-2	1157
343	3157
344	3157
375	1003
376	1003
377	1003
378	1003
380	1141
382	1141
383	1141
384	93
385	93
389	1141
390	1141
391	1141
392	1156
392-24	1683
393A	1156
393C	1141
394	1141 (21 cp)
	1156 (32 cp)
	1195 (50 cp)
395	1156
396	912
400	168
408	VH550
410-2	1157
411	1156
411-24	1683
413	1157
413-24	1683
413-3	1157
419	1157 (stop/tail)
	1156 (turn)
419-24	P21/5W
425	1157
425-3	1157
428	1157
430	1157
433	193 or 194
434	193 or 194
435	193 or 194
436	168
437	67
438	193
440	1157 (stop/tail)

PM #	Bulb Type
	1895 (side)
441	1157 (stop/tail)
	1895 (side)
442	1157 (stop/tail)
	1156 (back-up)
444	1157 (stop/tail)
	193/194 (side)
445	1157 (stop/tail)
	1156 (back-up)
451	1157 (stop/tail)
	193/194 (side)
452	1157 (stop/tail)
	193/194 (side)
454	1157 (stop/tail)
	1156 (back-up)
456	1157 (stop/tail)
	193/194 (side)
457	1157
502	VH550
503	VH550
504	VH550
504M	VH550
505	HP6545 (head)
	2357 (turn)
507	PAR 36
508	PAR 36
509	H9411
511	PAR 36
513	VH550
517	VH550
525	VH550
526	VH550
527	VH550
529	VH550
530	VH549
531	VH549
534	VH550
538	VH550
539	VH549
552	VH550
555	1157
556	VH550
557	VH550
562	VH550
566	VH550
580	VH549
582	VH550
583	VH550
588	VH550

PM #	Bulb Type
590	VH550
593	VH550
597	VH550
746	1195
753	H1/55W
754	4416
755	4416
756	1195
757	795
759	4416
760	L3-77
761	795
763	1195
765	L2-77
769	L2-77
769-1	L2-77
769-2	L2X-77
771	1141
773	1141
774	1141
775	H1/55W
776	H1/55W
777	H1/55W (rot.)
	1156 (stat.)
787	STU15-77
788	STRA-77
789	L3-77
790	L7-77
792	L3-77
793	L7-77
2546	193 or 194
2547	193 or 194
2549	193 or 194
25911	1157
25912	1157 (stop/tail)
	1156 (back-up)
25913	1157
25914	1157 (stop/tail)
	1156 (back-up)
25921	1157
25922	1157 (stop/tail)
	1156 (back-up)
25923	1157
25924	1157 (stop/tail)
	1156 (back-up)

Fits old style 114/AR, 115 A/R, 440/L & 441/L	
amber	55-15A
red	55-15R

Fits 452 & 452L	
red	56-15R

Fits 100A/R, 104A/R, 104-3R, 131A/R & 141A/R		
amber	100-15A	B100-15A
red	100-15R	B100-15R

Fits 102A/R	
amber	102-15A
red	102-15R

Fits 107WA/WB/WG/WR, 107-6A/6R, 107-3A/3R			
amber	107-15A	B107-15A	V107-15A
blue	107-15B		
red	107-15R	B107-15R	V107-15A

Fits 106A/R & 108WA/WR			
amber	108-15A	B108-15A	V108-15A
red	108-15R	B108-15R	V108-15R

Fits lights manufactured prior to 2012

Fits 108		
amber	108-151A	B108-151A
red	108-151R	B108-151R

Fits lights manufactured prior 2012–2018

Fits 109A	
amber	109-25A

Fits 110A/B/C/G/R, 111R		
amber	110-15A	V110-15A
blue	110-15B	
clear	110-15C	
green	110-15G	
red	110-15R	V110-15R

Fits 112A, new style 114A/R, 115A/R, 440 & 440L, 441 & 441L	
amber	114-15A
red	114-15R

Fits 117A	
amber	117-25

Fits 118A/KA	
amber	118-15A

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REPLACEMENT LENSES

Fits 119A/R	
amber	119-15A
red	119-15R

Fits 122A/R, 122XA/XR, 123A/R, 124A/R	
amber	124-15A
red	124-15R

Fits 125A/R	
amber	125-15A
red	125-15R

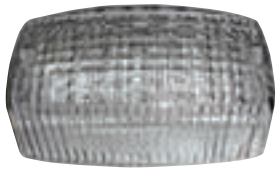
Fits 126A/C/R	
amber	126-25A
clear	126-25C
red	126-25R

Fits 130A/R	
amber	130-25A
red	130-25R

Fits 35A/R, 135A/R			
amber	134-15A	B134-15A	V134-15A
red	134-15R	B134-15R	V134-15R

Fits 136A/R	
amber	136-15A
red	136-15R

Fits 38A/R, 138A/B/C/G/R & 139A/R			
amber	138-15A	B138-15A	V138-15A
blue		B138-15B	
clear		B138-15C	
green		B138-15G	
red	138-15R	B138-15R	V138-15R



Fits 306A/R & 393C	
amber	306-25A
clear	306-25C
red	306-25R

Fits 308A/R	
red	308-15R
black	308-15BLK (cover)

Fits competitive lamps	
amber	310-15A

Fits 313 & 314MA	
amber	313-15A
red	313-15R
black	313-15BLK (cover)

Fits 334-2		
amber	334-15A	B334-15A
blue	334-15B	B334-15B
red	334-15R	B334-15R

Fits 313A/R, 313RA & 339-2		
amber	338-15A	B338-15A
red	338-15R	B338-15R

Fits 343A	
amber	343-25A

Fits 375, 375S, 376S, 377S & 378S	
clear	375-15C

Fits 380S	
clear	380-25C

Fits 382 & 383	
amber	383-25A
clear	383-25C

Fits 384, 384S, 384-P & 385S	
amber	384-15A
clear	384-15C

Fits 389S	
opaque	389-15C

Fits 391C	
clear	391-25

Fits 392C	
clear	392-25C

Fits 413 & 425 series			
amber	410-15A		
blue	410-15B		
red	410-15R	B410-15R	V410-15R
red polycarbonate		410-25R	

Fits 411C/SC	
clear	414-15C

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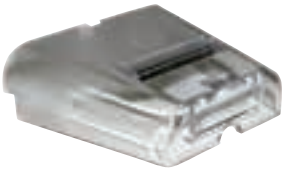
Fits 413-3 & 425-3	
red	415-15R

Fits 419		
amber	419-25A	
red	419-25R	

Fits 428 series		
red	420-15	V420-15



Fits 436	
clear	436-25

Fits 440/L, 441/L, 444/L, 452/L		
red	440-15	V440-15

Fits 444, 444L	
red	444-151R

Fits 445	
red/white	445-25

Fits 457/L	
red	B457-15
red w/ licence light	B457L-15

Fits 754A & 755A	
amber	755-15A

Fits 756 & 763	
amber	756-15A
blue	756-15B
red	756-15R

Fits 760 & 761	
amber	760-25A
clear	760-25C

Fits 765A/R, 769A/B/C/R & 769MA	
amber	769-25A
blue	769-25B
clear	769-25C
red	769-25R

Fits 769-1HA & 788

amber	769-25HA

Fits 771A/B, 773A & 768A/B

amber	771-15A
blue	771-15B

Fits 774A/R

amber	774-15A
red	774-15R

Fits 791

amber	791-25A

Fits 844

red	844-252

Fits 844

red	844-253

Fits 108 & 2549

amber	V2549-15A
red	V2549-15R

Fits lights manufactured prior 2019 and newer.

Fits 25911

red	V25911-25

Fits 25912

red w/ clear	V25912-25

Fits 25913

red w/ clear	V25913-25

Fits 25914

red w/clear	V25914-25

Fits 25921

red	V25921-25

Fits 25922

red w/clear	V25922-25

Fits 25923

red w/clear	V25923-25

Fits 25924

red w/clear	V25924-25

Phone 816.765.2000 | Fax 816.761.6693 | pmco@pmlights.com

Peterson offers more than product. You get a proven track record of success.

Peterson's eye-grabbing plan-a-grams are packed with hottest-selling items in safety lighting and accessories. No matter what your store's speciality, they're ready to help you build store traffic—and profits!

But as a Peterson retailer, you get more than just product. No matter which plan-a-gram you choose, you'll benefit from Peterson's reputation for quality and exceptional customer service. It's a a reputation we've worked hard to maintain since 1945.

Peterson offers assortments from 2' to 16'. Each one provides an unbeatable assortment of our most popular, quick-turn items for both the self-service and commercial/fleet markets. Better yet, our plan-a-grams' unitized design gives you total flexibility in tailoring your coverage to your customers' needs.

Your local Peterson representative will assist you in customizing your order by providing photos, schematics, corresponding part numbers and quantities for each plan-a-gram unit.

Ask your Peterson rep about our wide selection of retail plan-a-gram layouts.

Peterson has exciting new Viz-Pack retail packaging with contemporary "carbon fiber" graphics.

New, thicker, commercial poly bags match this eye-catching look.

Lighted Retail Displays

Bright displays grab customers' attention

D9
LumenX® LED vs Incandescent Battery-Operated Counter Display
14.75" H x 8.5" W x 4.5" D

D17
PM LED Lighted Wall-Mount Display
15" H x 21" W x 3" D

D24
Battery-Operated Counter Display
16" H x 11" W x 6" D

D10
Commercial LED Lighted Wall-Mount Display
15.5" H x 48" W x 3" D

D28
LED Work Light Counter Display
18.75" H x 20" W x 12" D

D16
LED Lighted Wall-Mount Display
23" H x 22" W x 3".25 D
Power supply not included.

D31
Battery-Operated LED Work Light Counter Display
12.5" H x 12.7" W x 9.3" D

D29
PM LED Work Light Counter Display
16" H x 16" W x 9" D

Header/Fixture Signs

Give your Plan-A-Gram more pulling power

D7
Safety Lighting Header
Same design on both sides
48" W x 8.25" H

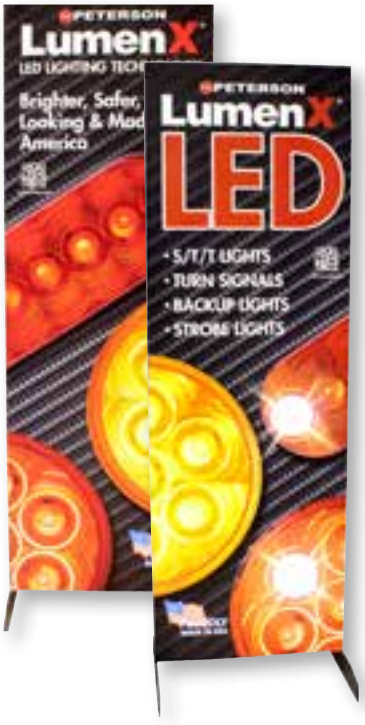
INCLUDES POWER SUPPLY!

D27
Light-Up Header Sign
Printed one side only
48" W x 8.25" H

D13
Double-Sided "Land or Water"
Safety Lighting Header
48" W x 8.25" H

D21
Display Banner
68.5" W x 21.75" H

D15-RV
RV Lighting Header
24" W x 8.25" H



D25
Two-Sided
Floor Display
23" W x 72" H

D21-02
Display Banner
24" W x 16" H

D11
Magnetic Vertical
Blade Sign (2 per kit)
5.5" W x 24" H

Counter Displays & Extras

Round out your merchandising efforts with proven eye-catchers

PM-CM-0714-Z
Full Product Line
Counter Mat
16" H x 20" W

D20-4
D20-6
D20-12
Small (4")
Med (6")
& Large (12")
Bin Boxes

NEW!

PM-CM-1018-Z
12 Volt HD Counter Mat
16" H x 20" W

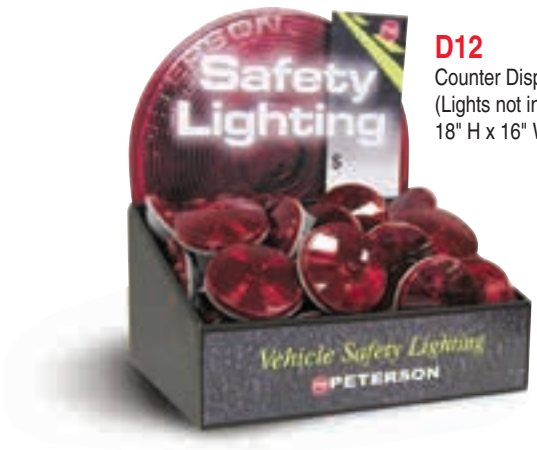
D22-S
D22-M
D22-L
Small (7")
Med (10")
& Large (21")
Merchandising
Baskets

NEW!

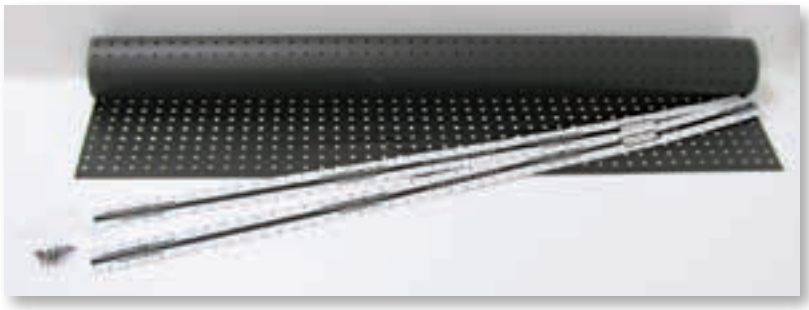
PM-ICM-0919-Z
Multi-Volt HD Counter Mat
16" H x 20" W

D4
New Item Tag

OV10-72
Out of Stock/
Reorder Card

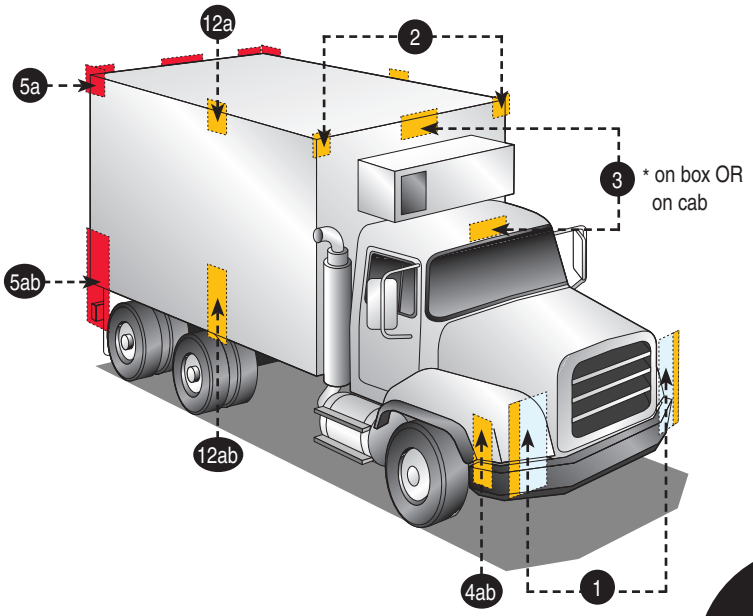


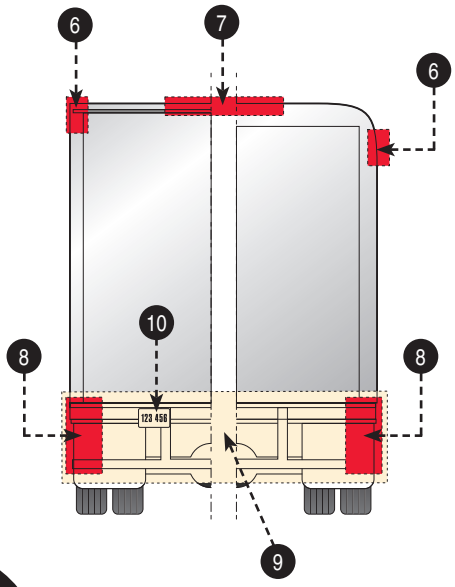
D12
Counter Display Bin
(Lights not included)
18" H x 16" W x 12" D



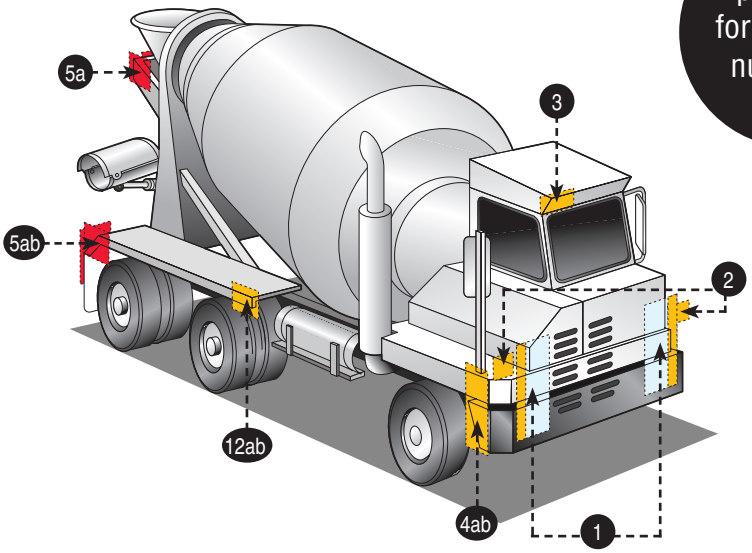
D3
Black
Plan-A-Gram Kit
48" x 60"

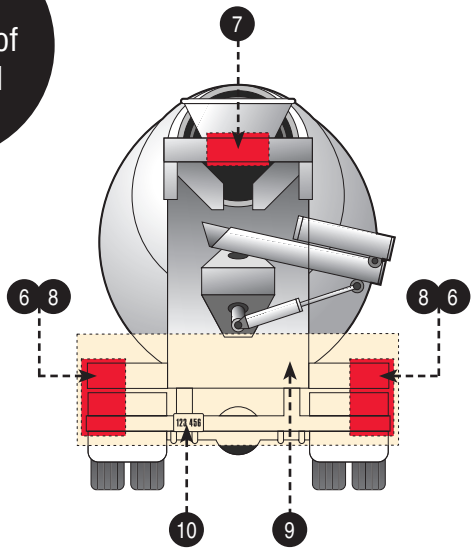
LIGHTING REGULATIONS

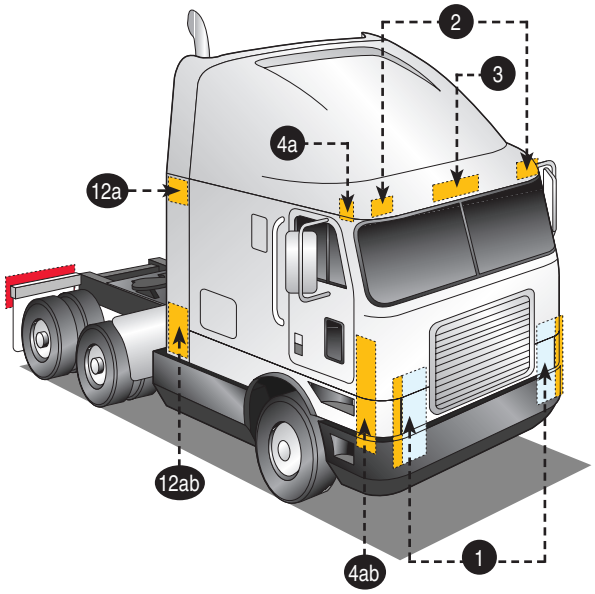


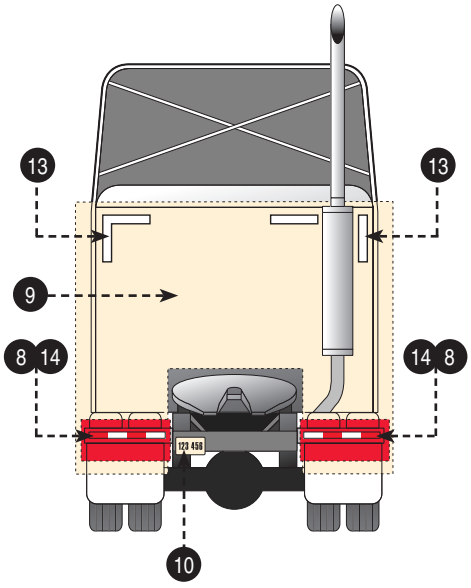


See page 262 for details of numbered areas









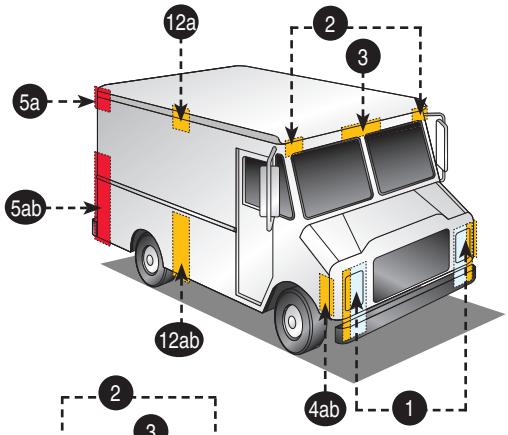
LIGHTING REGULATIONS

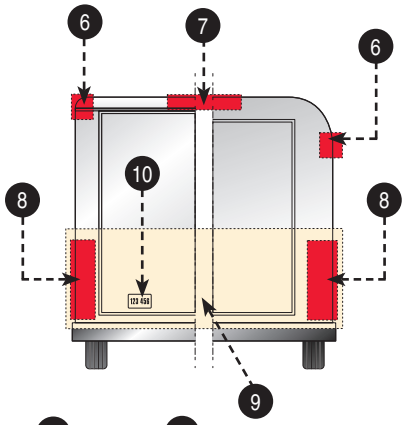
The information provided on pages 192-197 summarizes lighting equipment requirements contained in Federal/Canada Motor Vehicle Safety Standard 108. For complete compliance requirements consult Title 49 - Code of Federal Regulations, Section 571.108 (USA) and Section 108 of the Motor Vehicle Safety Regulations (Canada). State or Provincial regulations, where they may apply, have not been included.

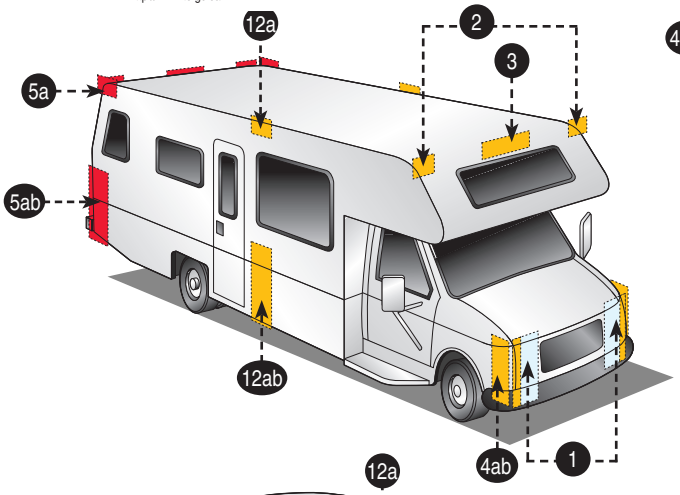
Data and illustrations provided courtesy of NHTSA.

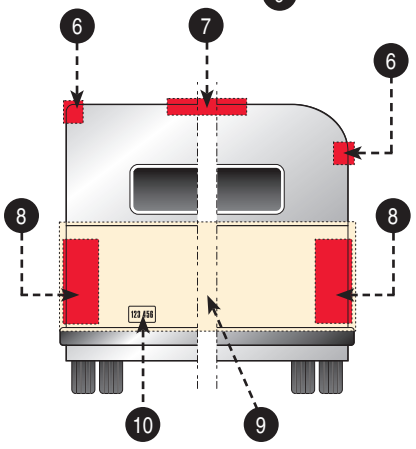
NHTSA
People Saving People
http://www.nhtsa.dot.gov

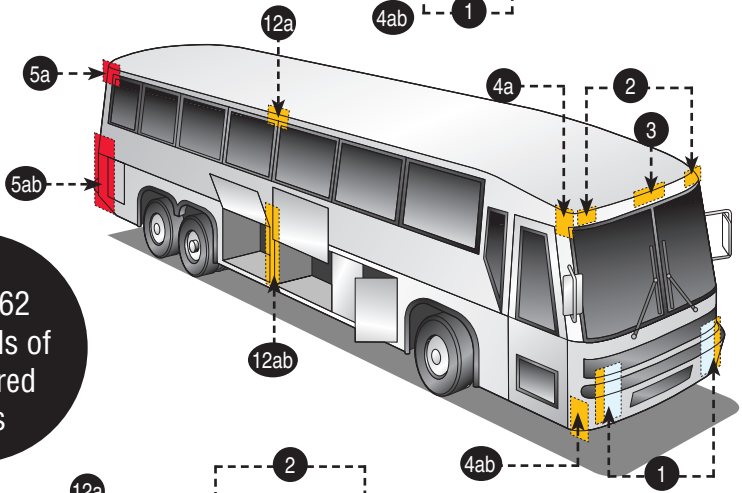
Transport Canada
http://www.tc.gc.ca

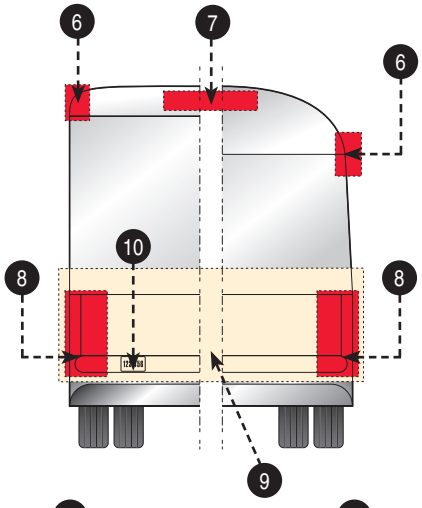












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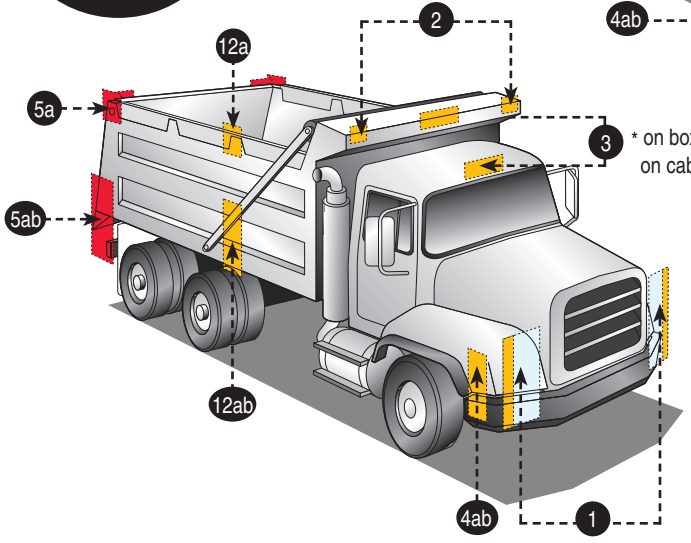
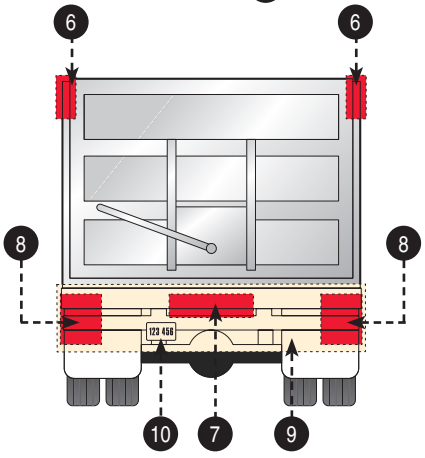




IMPORTANT NOTE: Every lamp, reflex reflector, and conspicuity treatment must be permanently attached in the location specified below and must comply with all applicable requirements prescribed for it by FMVSS/CMVSS 108. The face of any device on the front/rear and sides should be, respectively perpendicular and parallel to the vehicle's centerline, unless it is photometrically certified at installation angle. No part of the vehicle shall prevent any device from meeting its prescribed requirements unless an auxiliary device meeting all prescribed requirements is installed.

IN CANADA: Manufacturers and importers of vehicles must have the proper certification test records demonstrating compliance of lighting components with all prescribed requirements.

BASIC EQUIPMENT REQUIRED ON ALL TRUCKS, BUSES & MPVs

DESCRIPTION				MANDATORY REQUIREMENTS			
Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height mm(in.) from the ground
1	Headlamps - Lower Beam US requires "DOT" lettering on lens US & Canada - light source code required on lens	(H, HR)	Forward road illumination	Minimum 2	White	On the front - symmetrical as far apart as practicable If 4 lamp system - outboard or above upper beams	560-1370 (22-54)
	Headlamps - Upper Beam US requires "DOT" lettering on lens US & Canada - light source code required on lens	(H, HR)	Forward road illumination	Minimum 2	White	On the front - symmetrical If 4 lamp system - inboard or below lower beams	560-1370 (22-54)
	Parking Lamps Vehicles less than 2032mm wide	(P)	Indicate parked vehicle	Minimum 2	White or Yellow	On the front - symmetrical as far apart as practicable	380-1530 (15-60)
	Daytime Running Lamps (DRL) Canada - required / US - option US requires "DRL" lettering on lens if not headlamp	(Y2)	Indicate in use vehicle	Minimum 2	White or Yellow	On the front - symmetrical as far apart as practicable	380 (15) min. Max. depends on type of DRL
	Front Turn Signal/ Hazard Warning Lamps	(I)	Indicate direction of turn/ identify disabled vehicle	Minimum 2	Yellow	On the front- symmetrical as far apart as practicable	380-2110 (15-83)
2	Front Clearance Lamps Vehicles 2032mm wide or wider *photometrically certified at installation angle	(P2, PC* or P3, PC2*)	Show vehicle's width	Minimum 2	Yellow	At widest point - symmetrical on the front or near the front facing forward	As high as practicable
3	Front Identification Lamps (ID) Vehicles 2032mm wide or wider	(P2 or P3)	Indicate presence of a wide vehicle	Exactly 3	Yellow	On the front - center horizontally spaced 150 mm (6 in.) to 300 mm (12 in.) apart	As high as practicable or on top of the cab
4a	Front Side Marker Lamps *photometrically certified at installation angle	(P2, PC* P3, PC2*)	Front and rear side marker lamps / side reflex reflector indicate vehicle's presence and length	Minimum 2	Yellow	Each side at front as far forward as practicable	380 (15) minimum
4b	Front Side Reflex Reflectors	(A)		Minimum 2	Yellow	At front - symmetrical as far forward as practicable facing sideward	380-1530 (15-60)
5a	Rear Side Marker Lamps ** *photometrically certified at installation angle	(P2, PC* or P3, PC2*)		Minimum 2	Red	Each side at rear as far back as practicable	380 (15) minimum
5b	Rear Side Reflex Reflectors ** **not required on Truck Tractors	(A)		Minimum 2	Red	Each side at rear as far back as practicable facing sideward	380-1530 (15-60)
6	Rear Clearance Lamps Vehicles 2032mm wide or wider Not required on Truck Tractors *photometrically certified at installation angle	(P2, PC* or P3, PC2*)	Show vehicle's width MAY NOT be combined with tail lamps	Minimum 2	Red	At widest point - symmetrical on the rear or near the rear facing rearward	As high as practicable may be lower only if rear ID lamps are at the top
7	Rear Identification (ID) Lamps Vehicles 2032mm wide or wider Not required on Truck Tractors	(P2 or P3)	Indicate presence of a wide vehicle	Exactly 3	Red	On the rear - center horizontally spaced 150mm (6 in.) to 300mm (12 in.) apart facing rearward	**In Canada:** at the top - lower if door header narrower than 25mm **In USA:** as high as practicable
8	Tail Lamps	(T)	Indicate vehicle's presence and width	Minimum 2	Red	On the rear - symmetrical as far apart as practicable	380-1830 (15-72)
	Stop Lamps	(S)	Indicate braking	Minimum 2	Red	On the rear - symmetrical as far apart as practicable	380-1830 (15-72)
	Rear Turn Signal/ Hazard Warning Lamps	(I)	Indicate direction of turn/ identify disabled vehicle	Minimum 2	Red or yellow	On the rear - symmetrical as far apart as practicable	380-2110 (15-83)
	Rear Reflex Reflectors	(A)	Show vehicle's presence and width	Minimum 2	Red	On the rear - symmetrical as far apart as practicable	380-1530 (15-60)
9	Backup Lamp	(R)	Illuminates ground behind the vehicle and alert road users	Minimum 1	White	Rear	No requirement
10	License Plate Lamp(s)	(L)	Illuminates license plate	Minimum 1	White	On the rear - above or at the sides of license plate	No requirement
11	Center High Mounted Stop Lamp Vehicles less than 2032mm wide and 4536kg	(U3)	Indicates braking	1	Red	On the rear - centerline of the vehicle	860 (34) minimum

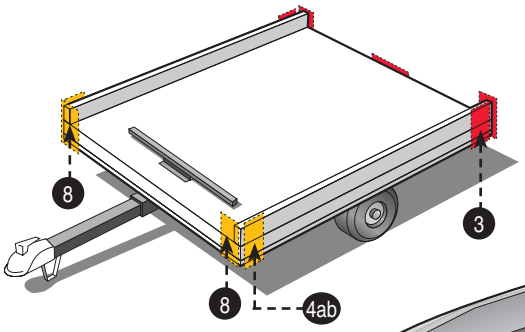
ADDITIONAL EQUIPMENT FOR SPECIFIC VEHICLES

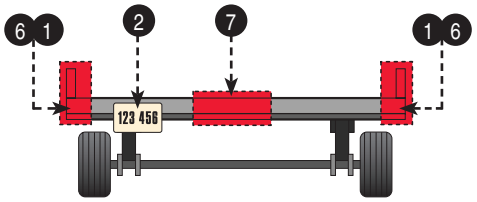
VEHICLES 9.1m (30 ft.) LONG OR LONGER

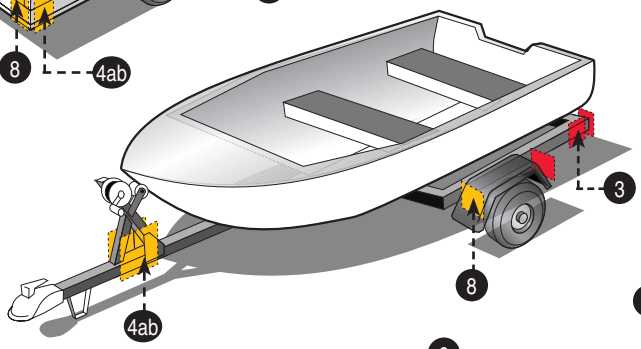
DESCRIPTION				MANDATORY REQUIREMENTS			
Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height mm(in.) from the ground
12a	Intermediate Side Marker Lamps	(P2 or P3)	Indicate presence of a long vehicle	Minimum 2	Yellow	Each side near center	380 (15) minimum
12b	Intermediate Side Reflex Reflectors	(A)	Indicate presence of a long vehicle	Minimum 2	Yellow	Each side near center facing sideward	380-1530 (15-60)

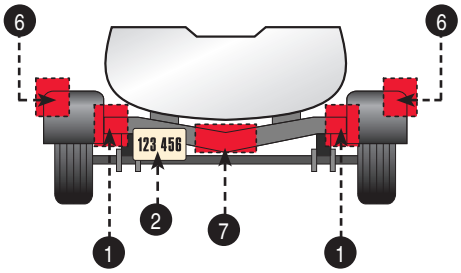
Truck Tractors

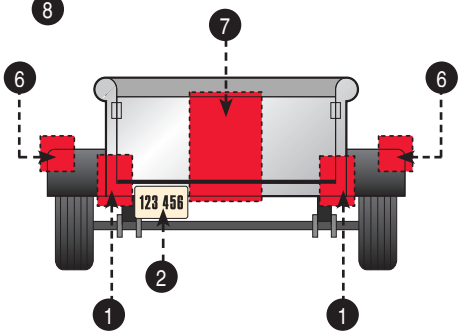
DESCRIPTION		MANDATORY REQUIREMENTS					
Area	Conspicuity Treatment	DOT Coding	Quantity	Color	Location	Height	Options
13	Rear Upper Body Markings	DOT-C DOT-C2 DOT-C3 DOT-C4	Exactly 2 pairs of 300mm long strips	White	Rear upper corners of cab facing rearward	As high as practicable excluding fairings	
14	Rear Marking		Exactly 2 sections of min. 600mm each	Red/ White	Rear - facing rearward - on fenders, on mud flap brackets, or within 300mm below the top of mud flaps	As horizontal as practicable and not higher than 1525mm from the ground	If mud flaps not used - on the cab or frame mounted brackets

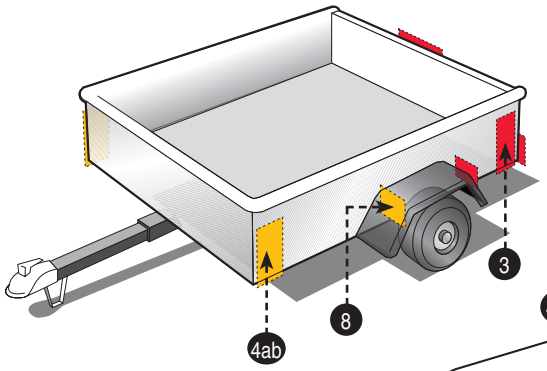


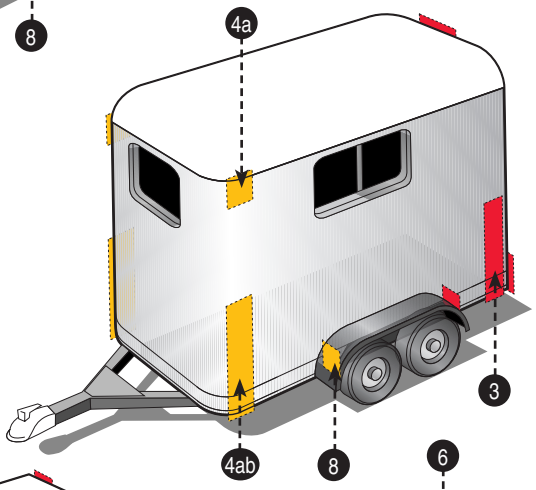


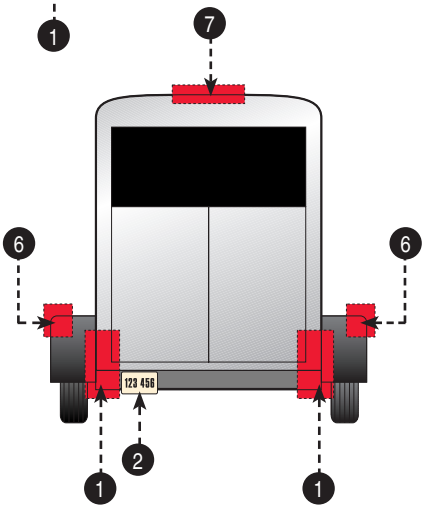












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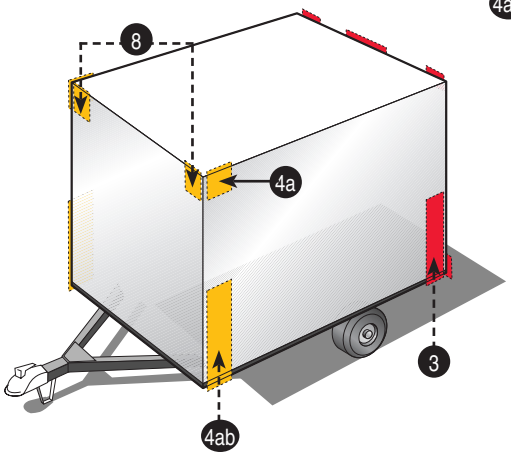

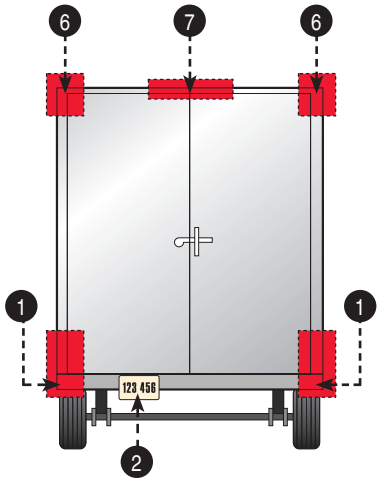

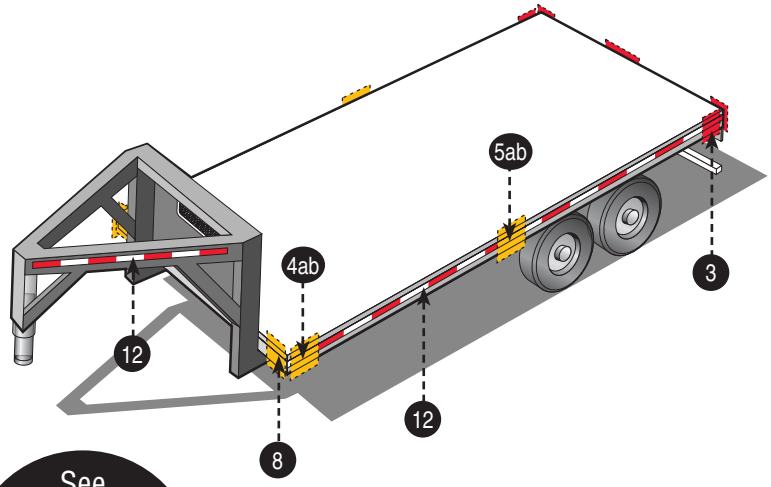

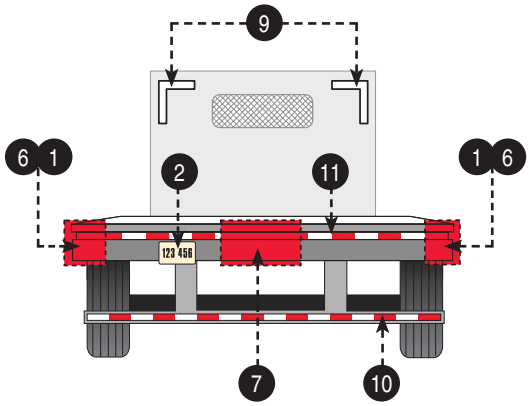

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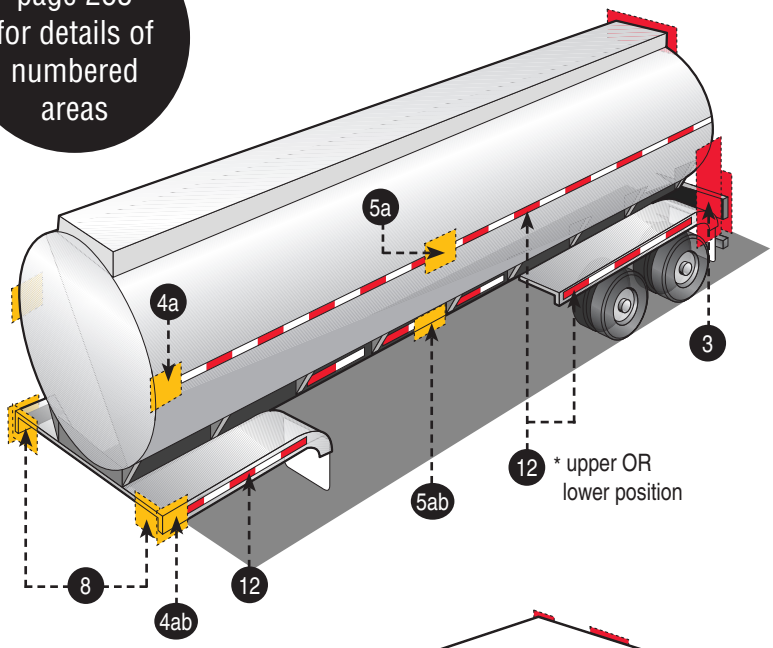
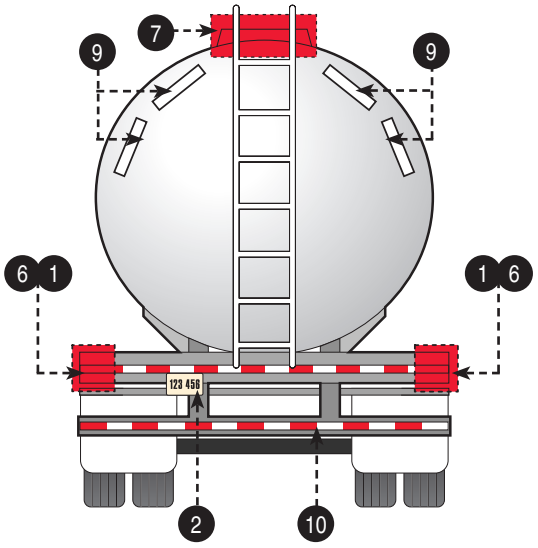
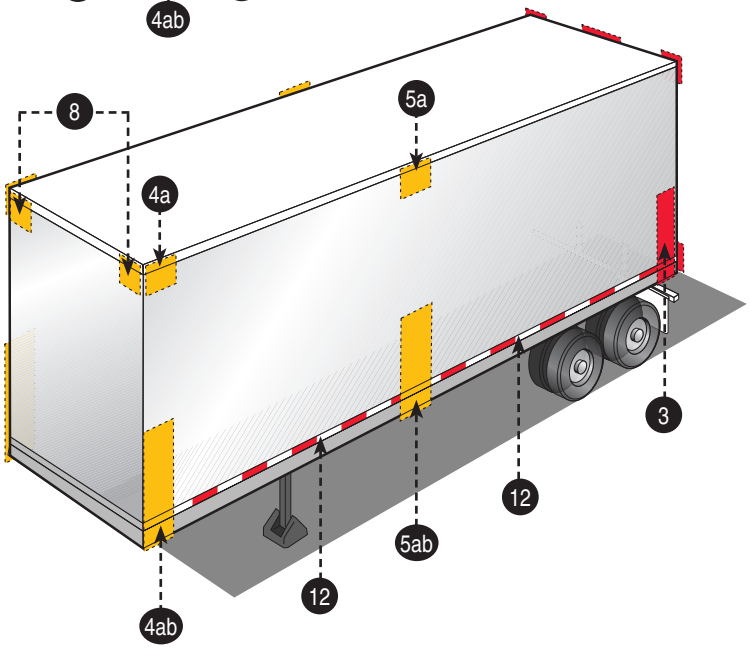
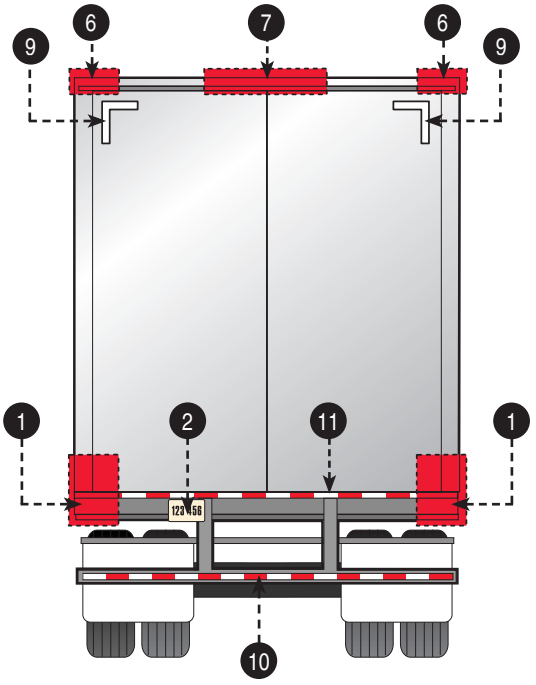








IMPORTANT NOTE: Every lamp, reflex reflector, and conspicuity treatment must be permanently attached in the location specified below and must comply with all applicable requirements prescribed for it by FMVSS/CMVSS 108. The face of any device on the front/rear and sides should be, respectively perpendicular and parallel to the vehicle's centerline, unless it is photometrically certified at installation angle. No part of the vehicle shall prevent any device from meeting its prescribed requirements unless an auxiliary device meeting all prescribed requirements is installed.

IN CANADA: Manufacturers and importers of vehicles must have the proper certification test records demonstrating compliance of lighting components with all prescribed requirements.

BASIC EQUIPMENT REQUIRED ON ALL TRAILERS

DESCRIPTION				MANDATORY REQUIREMENTS			
Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height mm(in.) from the ground
1	Tail Lamps	(T)	Indicate vehicle's presence and width	Minimum 2	Red	On the rear - symmetrical as far apart as practicable	380-1830 (15-72)
	Stop Lamps	(S)	Indicate braking	Minimum 2	Red	On the rear - symmetrical as far apart as practicable	380-1830 (15-72)
	Rear Turn Signal Lamps	(I)	Indicate direction of turn	Minimum 2	Red or Yellow	On the rear - symmetrical as far apart as practicable	380-2110 (15-83)
	Rear Reflex Reflectors	(A)	Indicate vehicle's presence and width	Minimum 2	Red	On the rear - symmetrical as far apart as practicable facing rearward	380-1530 (15-60)
2	License Plate Lamp(s)	(L)	Illuminates license plate	Minimum 1	White	On the rear - above or at the sides of license plate	No requirement
3	Rear Side Marker Lamps *photometrically certified at installation angle	(P2, PC* or P3, PC2*)	Front and rear side marker lamps / side reflex reflectors indicate vehicle's presence and length	Minimum 2	Red	Each side at rear as far back as practicable under 2032mm (80") wide	380-1530 (15-60) no max. for veh.
	Rear Side Reflex Reflectors	(A)		Minimum 2	Red	Each side at rear as far back as practicable	380-1530 (15-60) facing sideward
4 a†	Front Side Marker Lamps *photometrically certified at installation angle	(P2, PC* or P3, PC2*)		Minimum 2	Yellow	Each side at front as far forward as practicable	380 (15) minimum
4 b†	Front Side Reflex Reflectors	(A)		Minimum 2	Yellow	Each side at front as far forward as practicable facing sideward	380-1530 (15-60)

†not required on trailers shorter than 6 feet in length

ADDITIONAL EQUIPMENT FOR TRAILERS EXCEEDING THE FOLLOWING PARAMETERS

Length 9.1m (30 ft.) or longer

DESCRIPTION				MANDATORY REQUIREMENTS			
Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height mm(in.) from the ground
5 a	Intermediate Side Marker Lamps	(P2 or P3)	Indicate presence of a long vehicle	Minimum 2	Yellow	Each side near center facing sideward	380 (15) minimum
5 b	Intermediate Side Reflex Reflectors	(A)	Indicate presence of a long vehicle	Minimum 2	Yellow	Each side near center facing sideward	380-1530 (15-60)

Width 2032mm (80 in.) or wider

DESCRIPTION			MANDATORY REQUIREMENTS				
Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height
6	**Rear Clearance Lamps** *photometrically certified at installation angle	**(P2, PC* or P3, PC2*)**	**Show vehicle's width MAY NOT be combined with tail lamps**	**Minimum 2**	**Red**	**At widest point - symmetrical on the rear or near the rear facing rearward**	**As high as practicable may be lower only if ID lamps are at the top**
7	Rear Identification (ID) Lamps	(P2 or P3)	Indicate presence of a wide vehicle	Exactly 3	Red	On the rear - center horizontally spaced 150mm (6 in.) to 300mm (12 in.) apart facing rearward	**In Canada:** at the top - may be lower if door header narrower than 25mm **In USA:** as high as practicable
8	Front Clearance Lamps *photometrically certified at installation angle	(P2, PC* or P3, PC2*)	Show vehicle's width	Minimum 2	Yellow	At widest point - symmetrical on the front or near the front facing forward	As high as practicable

Width 2032mm (80 in.) or wider **AND** GVWR 4536 kg (10,000 lb.) or more

DESCRIPTION		MANDATORY REQUIREMENTS						
Area	Conspicuity Treatment	DOT Coding	Quantity	Color	Location	Height	Options
9	Rear Upper Body Markings	DOT-C DOT-C2 DOT-C3 DOT-C4	Exactly 2 pairs of 300mm long strips	White	On the rear upper corners facing rearward	At the top	Reflex reflectors may not be required if they are replaced in their required location with conspicuity treatment. **Optional in Canada:** Rear lower body and side conspicuity treatment may also be solid white, solid yellow, or white and yellow.
10	Bumper Bar Marking		Continuous	Red/White	On the rear bumper bar's horizontal element full width - facing rearward	No requirement	
11	Rear Lower Body Marking		Continuous	Red/White (see options)	On the rear full width of the vehicle facing rearward	As horzontal as practicable and as close as practicable to the range of 375 to 1525mm from the ground	
12	Side Marking		(see location)	Red/White (see options)	Each side - facing sideward continuous, or evenly spaced over minimum of 50% of length starts and ends as close to the front and rear of the vehicle as practicable	As horizontal as practicable and as close as practicable to the range of 375 to 1525mm from the ground	

GLOSSARY

AUTO SELECT™

Auto Select is Peterson's trademark name for a selected group of imported automotive products. Unlike other imported products, Auto Select are designed, built and quality-inspected to PM's stringent standards.

ASAE

American Society of Agricultural Engineers. Defines industry standards for agricultural equipment, including ASAE S279.17, Lighting & Marking of Agricultural Equipment on Highways.

BLADELIGHTS®

Peterson's trademark name for snowplow and emergency lights.

BEACON See WARNING BEACON

BULBS

A glass capsule containing electrodes or a filament which glows when connected to an electrical source. Three bulb types are generally used for illumination and vehicle safety lighting:

- Incandescent—there are two basic incandescent bulb styles most frequently used in general lighting products.
- Bayonet Base—a traditional, widely used metal-based bulb such as 1156, 1157 or 1895.
- Wedge Base—a non-indexed, baseless, all-glass bulb such as 3056, 3157 or 193.
- An incandescent bulbs is rated by the number of hours it will burn under ideal laboratory conditions. Peterson uses 15,000 hour-rated bulbs whenever possible to achieve maximum performance.
- Halogen—commonly known for bright, intense light from a small package. In halogen bulbs, tungsten particles from the filament are continually redeposited back on the filament to extend its life. Halogens are available in H1, H3 bulb and sealed beam configurations.
- Xenon—a bulb type commonly used in emergency warning lights. Xenon refers to the gas sealed inside the bulb. It serves as a starter in order to accelerate the start up process of high-intensity discharge headlights.

See also: LED, WARNING BEACON

CANDELA

A standard unit measuring the amount of visible light emitted by a light source in one direction.

CANDELA-SECOND

A standard unit measuring the amount of light seen through a clear lens during one second.

DOT

US Department of Transportation; a cabinet-level Federal department which governs transportation systems in the United States.

See also: FMVSS 108, NHTSA

DRIVING LIGHT

A front-mounted white light which produces a long-range, pencil-shaped light pattern. Greatly increases nighttime visibility at highway speeds. See illustration of fog and driving light beam patters on page 271.

See also: FOG LIGHT

EMERGENCY BEACON See WARNING BEACON

FMVSS 108

Federal Motor Vehicle Safety Standard No. 108; Part of the Department of Transportation's uniform safety standards for new vehicles and vehicle components. FMVSS 108 regulates head lamps, tail lamps, stop lamps, reflectors, marker lamps, turn signals, ID lamps, etc. Peterson products exceed this regulation.

See also: DOT, NHTSA

FOG LIGHT

A front-mounted lamp which produces a low, wide beam pattern in front of the vehicle to greatly increase short-range visibility. Ideal for added driving safety in rain, snow or fog. See illustration of fog and driving light beam patters on page 271.

See also: DRIVING LIGHT

FRESNEL LENS

A compound-angle refracting lens divided into prismatic sections. Designed to collect light and concentrate output in a specific direction.

See also: LENS

GREAT WHITE®

Peterson's trademark name for our white light-emitting diodes.

See also: LED

GROMMET See MOUNTING CONFIGURATIONS

HALOGEN See BULBS

HARDWIRED

A term for permanently attaching lead wires to a lamp assembly, rather than using a detachable terminal plug. Hardwired lamps are better sealed and have fewer connection points for greater durability and better corrosion resistance.

INCANDESCENT See BULBS

LED (LIGHT EMITTING DIODE)

A small, solid-state, electronic light source. Some of the advantages of LED-based lamps are:

- up to 100,000-hour rated life
- Solid state—Vibration resistant, with no filament to break
- Low amp draw—90% less than standard bulbs
- Faster response time for added safety
- Maintenance free

LENS

A transparent or translucent cover over a bulb or LED. In accordance with FMVSS 108, Peterson manufactures lenses with two thermal plastic resins:

- Acrylic—the most widely used material for lenses. Features moderate heat and impact-resistance.
- Polycarbonate—a premium material with higher impact and heat resistance than acrylic.

See also: FMVSS 108, FRESNEL LENS

LUMEN

A standard unit measuring the flux emitted by a light source in a solid angle of 1 steradian by a point source having a uniform intensity of 1 candela. *Measured lumens* is the flux emitted by a complete lighting assembly as observed in a lab. *Calculated lumens* for an LED light assembly is derived by multipying the flux of a single diode by the total number of diodes contained in the assembly.

LUMINOUS FLUX

The perceived power or visual intensity of a light source.

JOULE

A standard unit measuring energy generated by an electrical circuit. For a strobe circuit, the figure may refer to the energy of a single flash or to a succession of rapid flashes.

See also: WARNING BEACON

MAXI-SEAL®

Peterson's trademark name for our custom wire harness systems specifically designed for medium- and heavy-duty trucking industry, and our electrical accessory program for the aftermarket.

MIRRORS

Peterson offers a complete line of passenger car, light truck and van, and heavy duty mirrors and assemblies.

- Convex—also known as "blind spot" mirrors. Features a fish-eye design permitting a wider view angle than a traditional mirror.
- Elliptical—features a protruding, half-moon shape that allows driver to view a 180° area with a minimum of distortion.
- Wedge Base Convex—an improved version of the traditional convex. Allows over 50° increase in viewing area with less distortion.
- West Coast—A style of rear-view mirror assembly designed for large trucks characterized by a tall, narrow mirror face and two or three mounting arms that attach to the door above and below the window opening.

MOUNTING CONFIGURATIONS

Peterson offers many mounting options for our vehicle lights The three most common are:

- Flush mount—a metal or rigid plastic bracket locates the light behind or within a pre-cut mounting hole so that the light does not protrude appreciably beyond the mounting surface.
- Grommet mount—a rubber or flexible plastic collar push-fits between the light assembly and a pre-cut mounting hole of specific size and shape. Provides some degree of vibration isolation. Often allows lamp removal without tools.
- Surface mount— light is attached above the surface of the vehicle. Usually prevents the need for creating large holes in the material, but small holes may be required for routing wires and attachment hardware such as screws, bolts, or rivets. Light assembly may mount directly to the vehicle, or may use a separate mounting bracket.

NHTSA

National Highway Transportation Safety Administration; A part of the Department of Transportation, this Federal agency oversees and regulates many aspects of vehicle construction and highway travel.

See also: DOT, FMVSS 108

NIGHTWATCHER®

Nightwatcher® is Peterson's trademark name for the entire line of high quality fog and driving lights, off-road lights including LED bar light retail series, and related accessories.

PAR 36

An industry standard size and shape for directional sealed beams. Does not designate voltage, brightness or beam pattern.

PHOTOMETRIC

Photometry is the calculation and measurement of quantities of light, such as luminous intensity. This is usually measured in candela or candle power.

PIRANHA®

Peterson's trademark name for our premium LED lights with a higher number of didoes for a distinctive multi-diode lens look. Piranha® lights not only use state-of-the-art LED circuitry, but are designed and manufactured to be unsurpassed in optical performance and durability while exceeding all applicable regulations and standards.

REFLEX

The characteristic of efficiently reflecting light directly back towards its source regardless of the source's location. Also, a surface or component having this characteristic.

SAE

Society of Automotive Engineers; A non-governmental body which establishes standards for the automotive industry.

SPITFIRE®

Peterson's trademark name for our exclusive microprismatic, wide angle reflectors. 47,000 microprisms per square inch provide superior candle power compared to conventional reflectors.

STROBE See WARNING BEACON

SUBMERSIBLE

A submersible light allows water into the unit when submerged. The bulb and socket are protected by an air pocket formed by the belljar principle which permits only a certain amount of water to enter by capturing a pocket of air within the lens assembly, preventing water from contacting the bulb.

VIBAR® and VIBAR II® (VIBRATION IMPACT BARRIER)

Developed in the 1960's, Peterson's Vibar® was the first real shock-mounted socket in the industry and eventually became the standard. This exclusive, resilient socket absorbs road shock and vibration for longer bulb life.

WARNING BEACON

There are three basic types of warning beacons:

- Flashing—an emergency lamp which provides intermittent power to a stationary bulb, causing it to flash or blink on and off.
- Revolving—revolving lights are available in several variations:
- 2-Beam—an emergency lamp with two sealed beams or light bulbs which rotate to produce a full, 360° warning.
- 4-Beam—an emergency lamp with four bulbs. Compared to a similar 2-beam unit, produces twice the light output and twice as many flashes for a given rotation speed.
- Rotating Reflector—features a stationary light source with a revolving reflector to produce the 360° warning. This design is commonly used in light bars and compact units.
- Strobe—lamp which energizes a gas-filled glass tube to produce, quick, extremely bright flashes.
- Dual Flash/Quad Flash—a unit which flashes one strobe light head several times in quick succession before a longer pause. If the system is equipped with multiple strobe heads, each head flashes multiple times in turn.
- Master/Slave Units—the master unit has a built-in control circuit, will operate independently by itself and can operate a slave unit. The slave unit has no built-in control circuit and requires the master unit to operate.

See also: CANDELA-SECOND, JOULE, WATT-SECOND

WATT-SECOND

A standard unit measuring the amount of the electrical current delivered per second.

WELDING

Fusing plastic components together by quickly generating friction heat to momentarily melt the mating surface and create a strong, hermetically-sealed bond. Peterson uses three distinct plastic welding techniques:

- Linear—vibrating one part against another in a single direction.
- Sonic—subjecting the assembly to high-frequency sound waves which vibrate the seams of the plastic.
- Spin—rotating one component against another at high speed to create a circular bonding surface

XENON See BULBS

VIZ PACK

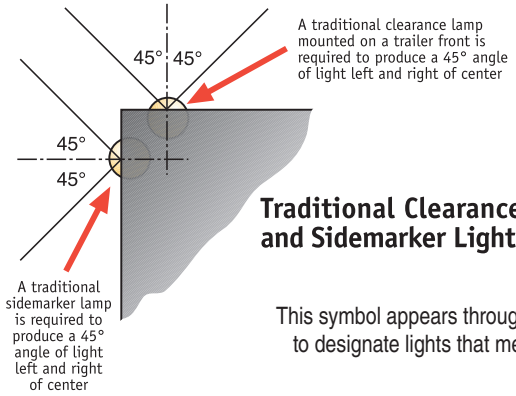
Peterson's term for a variety of retail-friendly, transparent package designs, including clamshells, blister packs, and bags. All Viz Packs are clearly labeled with part number and description, are pilfer-resistant and tamper-evident, and nearly all are hangable.

SAE LIGHTING IDENTIFICATION CODES & STANDARDS

A	Reflex reflectors
A2	Wide angle reflex reflectors
C	Motorcycle auxiliary front lamps
D	Motorcycle and motor-driven cycle turn signal lamps
E	Side turn signal lamps—vehicles 12 m or more in length
E2	Side turn signal lamps—vehicles less than 12 m in length
F	Front fog lamps
F2	Fog tail lamps
G	Truck cargo lamps
H	Sealed beam headlamps
HG	Discharge forward lighting headlamps
HH	Sealed beam headlamp housings
HR	Replaceable bulb headlamps
I	Turn signal lamps
I3	Turn signal lamps spaced from 75 mm to less than 100 mm from headlamp
I4	Turn signal lamps spaced from 60 mm to less than 75 mm from headlamp
I5	Turn signal lamps spaced less than 60 mm from headlamp
I6	Rear mounted turn signal lamps and front mounted turn signal lamps mounted 100 mm or more from the headlamp, for use on vehicles 2032 mm or more in overall width
I7	Front mounted turn signal lamps mounted less than 100 mm from the headlamp, for use on vehicles 2032 mm or more in overall width
K	Front cornering lamps
K2	Rear cornering lamps
L	License plate lamps
M	Motorcycle and motor-driven cycle headlamps—motorcycle type
N	Motorcycle and motor-driven cycle headlamps—motor-driven cycle type
O	Spot lamps
P	Parking lamps
P2	Clearance, side marker and identification lamps
P3	Clearance, side marker and identification lamps for use on vehicles 2032 mm or more in overall width
PC	Combination clearance and side marker lamps
PC2	Combination clearance and side marker lamps for vehicles 2032 mm or more in overall width
Q	Turn signal operating units—Class A
QB	Turn signal operating units—Class B
QC	Vehicular hazard warning signal operating unit
R	Backup lamps
S	Stop lamps
S2	Stop lamps for use on vehicles 2032 mm or more in overall width
T	Tail lamps (rear position lamps)
T2	Tail lamps (rear position lamps) for use on vehicles 2032 mm or more in overall width
U	Supplemental high-mounted stop and turn lamps
U2	Supplemental high-mounted stop and turn lamps for use on vehicles 2032 mm or more in overall width
U3	Center high-mounted stop lamps for passenger cars, light trucks and MPVs
W	Warning lamps for emergency, maintenance and service vehicles
W2	Warning lamps for school buses
W3	360-degree emergency warning lamps
W4	Emergency warning devices
W5-1	360-degree gaseous discharge lamps—Class 1
W5-2	360-degree gaseous discharge lamps—Class 2
W5-3	360-degree gaseous discharge lamps—Class 3
Y	Driving lamps
Y2	Daytime running lamps
Z	Auxiliary low beam lamps

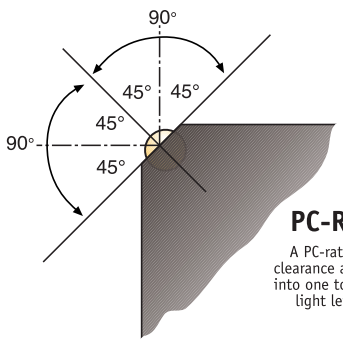
J590	Turn signal flashers
J595	Directional Flashing Optical Warning Devices for Authorized Emergency, Maintenance, and Service Vehicles
J845	Omnidirectional Optical Warning Devices for Authorized Emergency, Maintenance, and Service Vehicles
J914	Side Turn Signal Lamps for Vehicles Less than 12 m in Length
J945	Vehicular Hazard Warning Flashers - Canceled July 1999
J1054	Warning Lamp Alternating Flashers
J1318	Gaseous Discharge Warning Lamp For Authorized Emergency,Maintenance, And Service Vehicles
J1690	Vehicular Hazard Warning Flashers
J2039	Side Turn Signal Lamps for Vehicles 12 m or More in Length

SAE PC RATING EXPLAINED



Traditional Clearance and Sidemarker Lights

This symbol appears throughout the catalog to designate lights that meet the PC rating requirements



PC-Rated Lights

A PC-rated lamp combines the clearance and sidemarker functions into one to produce a 90° angle of light left and right of center

SAE CLASS RATINGS – BACK-UP ALARMS

Class	Sound Level
A	112 dB(A)
B	107 dB(A)
C	97 dB(A)
D	87 dB(A)
E	77 dB(A)
F	Other

The Society of Automotive Engineers (SAE) has developed performance standards for electric back-up alarms that are intended for use on heavy construction machinery. This chart shows the decibel level established for each of six classes defined in SAE Standard J944. The sound level tolerance for each class is +/- 4 dB(A). Alarms conforming to SAE J944 must also meet additional criteria relating to sound frequency, temperature range and resistance to rain, vibration and corrosion.

SAE CLASS RATINGS – STROBES

Class	Intended Function
1	Emergency Response
2	Warning
3	Identification

The Society of Automotive Engineers (SAE) has developed performance standards for strobe/warning lights. This chart shows the three classes defined in various SAE standards and their intended use. Each class is defined by specific photometric criteria for flash brightness and distribution that are too complex and numerous to be listed here. Strobes conforming to SAE standards must also meet additional criteria relating to housing durability, temperature range and resistance to rain, vibration and corrosion.

RECOMMENDED WIRE GAUGES

American Wire Gauge (AWG) is the standard measurement of wire sizes in the US. The higher the gauge number, the thinner the conductor.

Heavier gauge wire is required as either amperage or wire length increases. Overloaded wiring can negatively affect reliability and safety due to excessive voltage drop and heat. Wires thinner than 18 AWG are not recommended for vehicular use.

Wire Gauge Specification

Gauge (AWG)	Diameter (inch)	Diameter (mm)	Cross Section (mm^2)
0000	0.46	11.68	107.16
000	0.4096	10.40	84.97
00	0.3648	9.27	67.40
0	0.3249	8.25	53.46
1	0.2893	7.35	42.39
2	0.2576	6.54	33.61
3	0.2294	5.83	26.65
4	0.2043	5.19	21.14
5	0.1819	4.62	16.76
6	0.162	4.11	13.29
7	0.1443	3.67	10.55
8	0.1285	3.26	8.36
9	0.1144	2.91	6.63
10	0.1019	2.59	5.26
11	0.0907	2.30	4.17
12	0.0808	2.05	3.31
13	0.072	1.83	2.63
14	0.0641	1.63	2.08
15	0.0571	1.45	1.65
16	0.0508	1.29	1.31
17	0.0453	1.15	1.04
18	0.0403	1.02	0.82
20	0.032	0.81	0.52
22	0.0254	0.65	0.33
24	0.0201	0.51	0.20

The tables below provide general guidelines for choosing wire. Remember that common ground wires must be adequate to carry the total amperage on the circuit, even if separate hot wires are used.

The data included here only illustrates general wiring principles. Variables such as the exact type of wiring used and the type of devices connected will effect the actual performance of any circuit. Always verify proper operation after installation.

Wire Gauge Required for 3% Voltage Drop at 12 Volts

Circuit Length	Total Circuit Amps						
	1	5	10	20	30	40	50
10’	18	16	14	12	10	8	8
20’	16	14	12	8	6	6	4
30’	16	12	10	6	4	4	2
40’	16	12	8	6	4	2	2
50’	16	10	8	4	2	2	1
60’	16	10	6	4	2	1	0
80’	14	8	6	2	1	0	00
100’	14	6	4	2	0	00	000
120’	14	6	4	1	00	000	0000

Wire Gauge Required for 10% Voltage Drop at 12 Volts

Circuit Length	Total Circuit Amps						
	1	5	10	20	30	40	50
10’	24	18	18	16	14	14	12
20’	22	18	16	14	12	10	10
30’	20	18	16	12	10	8	8
40’	20	16	14	10	8	8	6
50’	18	16	12	10	6	6	2
60’	18	16	12	8	4	4	2
80’	16	10	8	4	2	2	1
100’	16	8	6	4	2	1	0
120’	14	8	6	2	1	0	00

INTERNATIONAL IP (Ingress Protection) RATINGS EXPLAINED

1st Digit	Protection Level Against Solid Ingress
0	Non-protected (or not rated)
1	> 50 mm gap for entry
2	> 12 mm gap for entry
3	> 2.5 mm gap for entry
4	> 1.0 mm gap for entry
5	Dust resistant
6	Dust tight

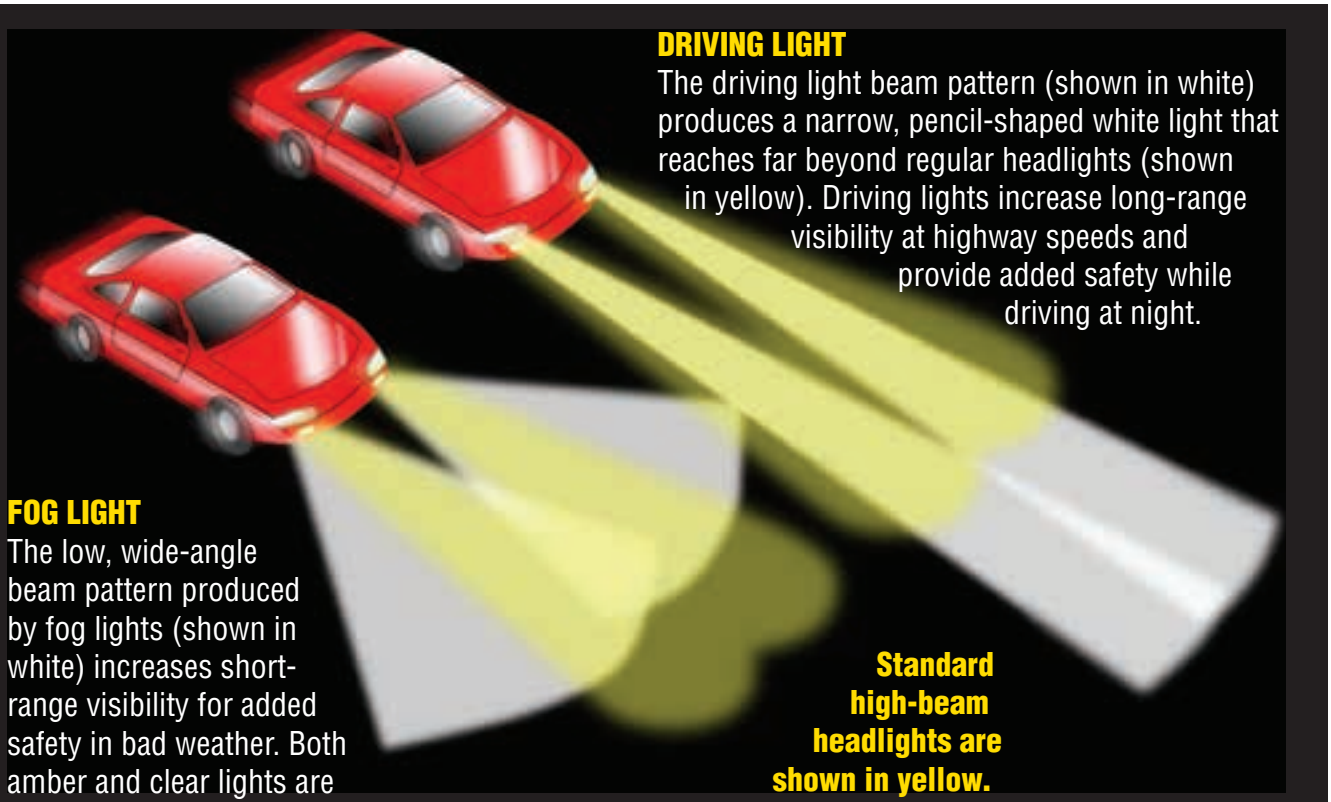
Example: IP67 = [6] dust tight + [7] immersible up to 1 meter for 30 minutes

2nd Digit	Protection Level Against Liquid Ingress
0	Non-protected (or not rated)
1	Vertically dripping water
2	Dripping water tilted at 15 degrees
3	Spraying water at an angle of 60 degrees
4	Splashing water at any direction
5	Jets of water from any direction
6	Heavy seas or powerful jets of water
6K	Powerful water jets with increased pressure
7	Harmful ingress of water when immersed to 1 meter for 30 min.
8	Continuous immersion in water
9K	Powerful high temperature water jets

fractional inch	decimal inch	millimeters
	0.010	0.25
	0.020	0.5
1/32	0.031	0.794
	0.039	1
	0.050	1.27
1/16	0.063	1.588
	0.079	2
	0.100	2.54
	0.118	3
1/8	0.125	3.175
	0.150	3.81
	0.157	4
3/16	0.188	4.763
	0.197	5
1/5	0.200	5.08
	0.236	6
1/4	0.250	6.35
	0.276	7
	0.300	7.62
5/16	0.313	7.938
	0.315	8
1/3	0.333	8.466
	0.350	8.89
	0.354	9
3/8	0.375	9.525
	0.394	10
2/5	0.400	10.16
	0.433	11
7/16	0.438	11.113
	0.450	11.43
	0.472	12
1/2	0.500	12.7
	0.512	13
	0.550	13.97
	0.551	14
9/16	0.563	14.288
	0.591	15
3/5	0.600	15.24
5/8	0.625	15.875
	0.630	16
	0.650	16.5
2/3	0.666	16.933

fractional inch	decimal inch	millimeters
	0.669	17
11/16	0.688	17.463
	0.700	17.78
	0.709	18
3/4	0.750	19
	0.787	20
4/5	0.800	20.32
13/16	0.813	20.638
	0.827	21
	0.850	21.59
	0.866	22
7/8	0.875	22.225
	0.900	22.86
	0.906	23
15/16	0.938	23.813
	0.945	24
	0.950	24.13
	0.984	25
1	1.000	25.4
1 1/4	1.250	31.75
1 1/2	1.500	38.1
1 3/4	1.750	44.45
	1.969	50
2	2.000	50.8
2 1/4	2.250	57.15
2 1/2	2.500	63.5
2 3/4	2.750	69.85
	2.953	75
3	3.000	76.2
3 1/4	3.250	82.55
3 1/2	3.500	88.9
3 3/4	3.750	95.25
3 15/16	3.937	100
4	4.000	101.6
4 1/4	4.250	107.95
4 1/2	4.500	114.3
4 3/4	4.750	120.65
	4.921	125
5	5.000	127
	5.906	150
6	6.000	152.4
	6.890	175

fractional inch	decimal inch	millimeters
7	7.000	177.8
7 7/8	7.874	200
8	8.000	203.2
	8.858	225
9	9.000	228.6
	9.843	250
10	10.000	254
	10.827	275
11	11.000	279.4
	11.811	300
12	12.000	304.8
	12.795	325
13	13.000	330.2
	13.780	350
14	14.000	355.6
	14.764	375
15	15.000	381
15 3/4	15.748	400
16	15.000	406.4
	16.732	425
17	17.000	431.8
	17.717	450
18	18.000	457.2
	18.701	475
	19.685	500
21	21.000	533.4
	21.654	550
	23.622	600
24	24.000	609.6
	25.591	650
	27.559	700
	29.528	750
30	30.000	762
31 1/2	31.496	800
	33.465	850
	35.433	900
36	36.000	914.4
	37.402	950
	39.370	1 meter
	78.740	2 meters
	196.85	5 meters



DRIVING LIGHT
The driving light beam pattern (shown in white) produces a narrow, pencil-shaped white light that reaches far beyond regular headlights (shown in yellow). Driving lights increase long-range visibility at highway speeds and provide added safety while driving at night.

FOG LIGHT
The low, wide-angle beam pattern produced by fog lights (shown in white) increases short-range visibility for added safety in bad weather. Both amber and clear lights are available. Amber, while not as penetrating, is more visible to approaching vehicles.

Standard high-beam headlights are shown in yellow.

A: FLOOD LIGHT
An excellent work light for illuminating wide, short areas

B: TRAPEZOIDAL BEAM
Great all-around light which balances forward illumination with generous, consistent beam width.

C: SPOT LIGHT
Extremely long-range for marking rows, fence lines, etc.

LED AMP DRAW SPECIFICATIONS

Part No.	@12V (Color 1/2)	@24V (Color 1/2)
35A-MV/R-MV	0.09	0.05
38A-MV/R-MV	0.09	0.05
60A-MV/R-MV	0.03	0.04
72 R	0.07	
121A	0.12	
129A/R	.04/.04	
133A/R	.03/.06	
153A/R	.04/.04	
153C-MV	0.07	0.08
153C-P	0.07	
153CTP-BT3	0.14	
161A/R	.02/.02	
161A-R	0.08	
162A/R	.05/.05	
163A/R	.18/.14	
163A-MV/R-MV	.16/.12	.08/.07
164A/R	.05/.05	
165A/R	.18/.14	
165A-MV/R-MV	.16/.12	.08/.07
166A/R	.03/.03	
168A/R/CA/CR	.04/.04/.04/.04	
168A-MV/R-MV	.03/.03	.03/.03
168C	0.03	
169-3R/3A	.11/.11	
169A/R	.03/.03	
170A/R	.04/.04	
171A/C/R	0.07	
171W-MV	0.03	0.04
173A/R	.08/.08	
175A/R	.04/.04	
176A/R	.07/.07	
176RGB	.04 per color	
177A/R	.07/.07	
177-3R	0.25	
178A/R/CA/CR	.06/.07/.06/.07	
178A-MV/R-MV / A-MVC	.06/.06/.06	.04/.04/.04
178W-MV	0.02	0.02
179A/R	.09/.1	
180A/R	.03/.03	
181A/R	.07/.04	
181A-MV/R-MV	0.03	0.04
186A/R	0.07	
186W	0.13	
186CTP	0.08	
186-3R	0.25	
187A/R	0.05	
187A-MV/R-MV	.05/.05	.03/.03
188A/R	.07/.04	
189FA/FR	.06/.06	
190FA/R	.05/.06	

Part No.	@12V (Color 1/2)	@24V (Color 1/2)
191-3RL	0.11	
191A/R	.04/.03	
192A/R	.04/.05	
193A/R	.10/.14	
193A-MV/R-MV	0.07	0.04
194A/R	.05/.05	
195A/R	.19/.15	
195A-MV	0.19	0.09
195R-MV	0.16	0.08
196A/R	.04/.04	
197A/R	.04/.04	
198A/R	.04/.04	
199A/R	.04/.04	
203A/R	0.055	
203C/W	0.04	
215A/R	.01/.01	
233A	0.48	
233A low light	0.02	
233R	0.23	
233R low light	0.03	
233CA	0.48	
233CA low light	0.02	
233CR	0.23	
233CR low light	0.03	
250W-BT2	0.11	
253A/R	.07/.08	
253A/R low light	.02/.02	
253SA-1/-2	0.42	0.2
253SW-1/-2	0.375	
271A/R	.07/.07	
271A/R low light	.01/.01	
272A/R	.09/.09	
274A/R	.07/.07	
277K/KL	0.12/.08	
286A/R	.17/.17	
286A/R low light	0.03/.03	
290/290C	0.05	
290-MV/290C-MV	0.04	0.03
291C-BT2	0.07	
296C/XC	0.01	
298C	0.02	
318L/R	1.25/1.25	
318L/R low light	.01/.01	
318L/R red	0.2/0.2	
319AA	0.45	
319AA low light	0.03	
319R	0.07	
319R low light	0.01	
320A/321A	0.31	
320A/321A Low light	0.02	

Part No.	@12V (Color 1/2)	@24V (Color 1/2)
327L/R	.19/.19	
327L/R flashing	.05/.05	
338-2	0.23	
339A/R	.20/.09	
350A-P	0.2	0.38
350A-P low light	0.04	0.09
351A	0.2	0.38
351A low light	0.04	0.09
353A/R	0.15	
353A/R low light	.02/.11	
355A	0.2	0.34
355A low light	0.04	0.09
356A	0.54	
356A low light	0.03	
358-1/-2/-3/-4	.28/.17/.36/.36	
359-1/-2/-3/-4	.28/.17/.36/.36	
360/360-1	1.82	0.93
362-1/-2	.13/.13	
363-1/-2	.28/.24	
364-1	0.49	0.9
365	1.75	
366	0.14	
368	0.11	
369S	0.1	
370	0.21	
371	0.22	
379S	0.12	
381	0.09	
388A/R	.10/.11	.07/.07
388C	0.07	0.06
388WB	0.07	0.04
397C	0.11	0.58
398-BT2	0.39	0.2
417R/R-P	0.17	
417R/R-P low light	0.05	
417TA-P	0.2	
417TA-P low light	0.11	
418R/R-P	0.17	
418R/R-P low light	0.05	
418TA-P	0.4	
418TA-P low light	0.11	
418R-4	0.14	
420QA-P	0.4	
420QA-P low light	0.03	
420R/423R	0.46	1.23
420R/423R low light	0.02	0.1
423A-4	0.26	0.15
423A-4 low light	0.05	0.03
423QA-P	0.14	
423QA-P low light	0.03	

Part No.	@12V (Color 1/2)	@24V (Color 1/2)
423W-4	0.16	0.1
701C & 701C-ECE	1.96	0.97
702C	1.05	
703C	1.17	
705C	0.51/2.23	
711	1.45	0.715
717A	0.27	0.13
717C	0.25	0.12
717R	0.14	0.08
717R low light	0.06	0.3
744A	0.1	
745A	1.14	0.46
748A	0.26	0.1
748C	0.287	0.102
751A	2.88	1.44
752A/752MA	1.16/1.49	.48/.76
762A	0.18	0.18
764A	0.17	0.08
764A-2	0.21	0.1 (.07 @ 36V)
772A	0.09	
778A	2.724	
779-1A	3.59	
789A	2.43	1.16
791A/MA	1.15/1.14	.48/.60
792C	1.3	0.65
794A-1 & 2	.28/.47	.25/.18
797A	0.57	0.28
798A	2.1	1
799A	1.2	0.6
800W-9	0.65	
814R/816R	0.27	
814R/816R low light	0.02	
817A-7/818A-7	0.24	
817A-7/818A-7 low light	0.01	
817A-9/818A-9	0.24	0.15
817A-9/818A-9 low light	0.02	0.03
817A-36/818A-36	0.53	
817A-36/818A-36 low light	0.04	
817C-7/818C-7	0.23	
817C-9/818C-9	0.35	
817CR-2/818CR-2	0.08	0.15
817CR-2/818CR-2 low light	0.01	0.01
817CR-36/818CR-36	0.33	0.17
817CR-36/818CR-36 low light	0.02	0.03
817R-36/818R-36	0.53	
817R-36/818R-36 low light	0.04	
817R-7/818R-7	0.35	
817R-7/818R-7 low light	0.01	
817R-9/818R-9	0.21	0.38
817R-9/818R-9 low light	0.02	0.05

LED AMP DRAW SPECIFICATIONS

Part No.	@12V (Color 1/2)	@24V (Color 1/2)
817SA-1/-2	0.36	0.36
817SA-9/818SA-9	0.59	0.45
817SR-9/818SR-9	0.59	0.45
817SW-9/818SW-9	0.59	0.45
817TA-2C & 818TA-2C	.34/.33	.21/.20
817TA-2C & 818TA-2C flashing	.09/.09	.07/.07
817W-9	0.38	0.27
817YA/818YA flashing & steady	0.79	
817YA/818YA low light	0.02	
818SA-1/-2	0.36	
820A-7/823A-7	0.29	
820A-7/823A-7 low light	0.03	
820A-10/823A-10	0.3	0.15
820A-10/823A-10 low light	0.02	0.03
820A-22/823A-22	0.36	
820A-22/823A-22 low light	0.02	
820C-7/823C-7	0.23	
820C-10/823C-10	0.22	0.49
820QA/823QA	0.45	0.55
820QA/823QA low light	0.2	0.24
823QCA	0.45	0.55
823QCA low light	0.02	0.24
820R-7/823R-7	0.24	
820R-7/823R-7 low light	0.01	
820R-10/823R-10	0.33	0.17
820R-10/823R-10 low light	0.02	0.03
820R-22/823R-22	0.36	
820R-22/823R-22 low light	0.02	
820SA-1/-2, 823SA-1/-2	0.24	0.17
820SR-1/-2	0.24	0.17
820SA-10/823SA-10	0.52	0.4
820SR-10/823SR-10	0.52	0.4
820SW-10/823SW-10	0.52	0.4
821A-7/822A-7	0.24	
821A-7/822A-7 low light	0.01	
821A-10/822A-10	0.3	0.15
821A-10/822A-10 low light	0.02	0.03
821A-22/822A-22	0.36	
821A-22/822A-22 low light	0.02	
821C-7/822C-7	0.23	
821R-7/822R-7	0.22	
821R-7/822R-7 low light	0.01	
821R-10/822R-10	0.33	0.17
821R-10/822R-10 low light	0.02	0.03
821R-22/822R-22	0.36	
821R-22/822R-22 low light	0.02	
826A-MV/824A-MV	0.17	0.1
826A-MV/824A-MV low light	0.04	0.03
826C-MV/824C-MV	0.18	0.09
826R-MV/824R-MV	0.12	0.07

Part No.	@12V (Color 1/2)	@24V (Color 1/2)
826R-MV/824R-MV low light	0.03	0.02
826R/824R	0.27	
826R/824R low light	0.02	
826A-7/824R-7	0.24	
826A-7/824R-7 low light	0.01	
826C-7/824C-7	0.38	
826R-7/824R-7	0.41	
826R-7/824R-7 low light	0.01	
826A-9/824A-9	0.24	0.15
826A-9/824A-9 low light	0.02	0.03
826C-7/824C-7	0.23	
826R-9	0.21	0.38
826R-9 low light	0.02	0.05
827R	0.17	
827R low light	0.01	
829C-7	0.4	
829R-7	0.39	
829R-7 low light	0.01	
840/840L	.28/.33	
840/840L low light	.11/.15	
844/844L	0.6	
844/844L low light	0.25	
845/845L	.19/.16	
845/845L low light	.08/.14	
850A/850A-1	0.38	0.21
850A-R	0.23	0.14
850A-R low light	0.16	0.1
850C	0.66	0.33
850F-SW	0.3	0.3
850F-C-SW	0.67	0.33
850R/850R-1	0.37	0.21
850R/850R-1 low light	0.04	0.05
850SA	0.125	0.06
856	0.15	
856 low light	0.05	
856L	0.19	
856L low light	0.09	
860SA-1/-2 (turn/strobe)	.33/.35	.30/.26
861SA-1/-2 (turn/strobe)	.33/.35	.21/.27
861SA-1/-2/-3/-4 (turn/strobe)	.66/.77	.42/.54
866SA-1/-2 (turn/strobe)	.48/.50	.31/.40
866SA-1/-2/-3/-4 (turn/strobe)	1-Jan	.62/.80
867SA-1/-2 turn (turn/strobe)	.33/.35	.3/.25
869R	0.16	
869R low light	0.01	
870W	0.27	0.19
872W	0.28	0.18
880-7/881-7	0.19	
880-7/881-7 low light	0.02	
880-7/881-7 reverse	0.51	

Part No.	@12V (Color 1/2)	@24V (Color 1/2)
882-7/883-7	0.18	
882-7/883-7 low light	0.02	
882-7/883-7 reverse	0.51	
901-MV	0.57	0.27
903-MV	2.89	1.27
904-MV	1.07	0.51
905-MV	0.4	0.2
906-MV	0.82	0.4
907	0.2	0.12
907-MV	0.29	0.22
908	1.61	0.76
910-MV/910M-MV	1.73	0.83
911-MV	1.15	0.61
912-MV	NA	
913-MV	1.5	0.74
915-MV	2.8	1.5
916S	0.38	0.27
918S	0.65	
919-MV	1.64	0.83
920B-MV	0.6	0.3
921-MV	1.23	0.59
928-MV	2.15	1.03
930-MV	16.5	7.7
931-MV	12.7	6
932-MV	3.4	1.77
933-MV	3.36	1.53
934-MV	7.98	3.14
1288	0.03	0.03
1289	0.24	0.14
1197SA	0.14	
1200A/C/R	.04/.01/.02	.04/.01/.02
1203A/C/R	0.32	0.19
1217A-1/-1C	0.07	0.19
1217A-1/-1C low light	0.13	0.19
1217A-9	0.13	0.08
1217A-R	0.04	0.02
1217A-R low light	NA	
1217C-9	0.29	0.15
1217F	0.38	0.19
1217F-C	0.09	0.06
1217G-R	0.17	0.29
1217R-9	0.02	0.06
1217R-9 low light	0.18	0.18
1218A-1	0.07	0.19
1218A-1 low light	0.32	0.18
1218A-1C	0.14	0.2
1218A-9	0.12	0.08
1218A-R	0.15	0.09
1218A-R amber	0.03	0.02
1218A-R low light	0.17	0.29

Part No.	@12V (Color 1/2)	@24V (Color 1/2)
1218R-9	0.02	0.06
1218R-9 low light	0.13	0.21
1220A-10	0.21	0.44
1220C-10	0.21	0.37
1220R-10	0.02	0.05
1220R-10 low light	0.13	0.07
1223A-4	0.15	0.08
1223A-R-MV	0.001	0.01
1223A-R-MV low light	0.21	0.36
1223R-10	0.02	0.06
1223R-10 low light	0.11	0.06
1223R-4	0.04	0.02
1223R-4 low light	0.06	
1268A-MTC	.03/.03	.03/.03
1268A-MV/-MVC	0.02	0.02
1268A-R-MV	.03/.02	.02/.02
1268R-MV/-MVC	0.01	0.01
1268W-MV	0.18	0.19
1288 low light	0.19	0.1
1288 back up	0.07	0.06
1288 side marker	0.12	0.08
1288 turn	0.35	0.19
1288A	0.16	0.09
1288B	0.18	0.1
1288C	0.17	0.11
1288F	0.17	0.09
1288R	0.07	0.04
1288R low light	0.08	0.07
1288TA	0.13	0.07
1289 low light	0.21	0.14
2217A-R/2218A-R/2219A-R High Red (Brake)	0.145	0.08
2217A-R/2218A-R/2219A-R Amber Turn	0.065	0.037
2217A-R/2218A-R/2219A-R low light	0.02	0.018
2217F-C/2218F-C/2219F-C Rev 2 fcn	.17/.24	.09/.12
2217F-C/2218F-C/2219F-C Fog 2 fcn	0.24	0.12
2268A-R-MV	0.03	
2290A-R (Red High/Brake) 3fcn	0.14	0.08
2290A-R (Amber Trn) 3fcn	0.12	0.067
2290A-R low light	0.019	0.017
2291A-R (Red High/Brake) 3fcn	0.3	0.16
2291A-R (amber/Trn) 3fcn	0.2	0.11
2291A-R low light	0.025	0.015
2291F-C Rev/Fog 2 fcn	.29/.30	.14/.14
4484A-1/R-1	0.04	
4153SA	0.8	0.44
4154SA	0.8	0.44
4155SA	1	1
4156SA	0.33	0.18

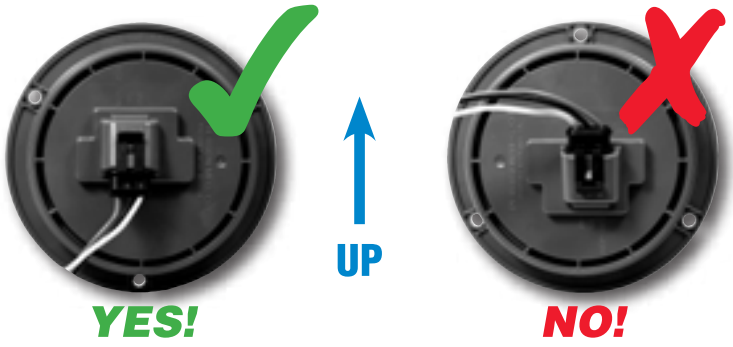
GROMMET & FLANGE MOUNTING DIMENSIONS

Dimensions given are for reference only. Due to various panel thickness, the size of the hole may need to be adjusted.

Grommet No.	Description	Hole Size	Max. Panel Thickness
127-18	Grommet, rectangle, flush mount, black	3.50" x 2.40"	0.16"
127-181	Grommet, rectangle, flush mount, white	3.50" x 2.40"	0.16"
142-17	Grommet, round, raised mount	2.75" diameter	0.18"
142-18	Grommet, round, recess mount	3.125" diameter	0.18"
142-181	Grommet, round, recess mount	3.125" diameter	0.18"
143-17	Grommet, round, flush mount, closed-back	3.125" diameter	0.15"
143-18	Grommet, round, flush mount	2.75" diameter	0.25"
144-18	Grommet, round, flush mount, closed-back	2.75" diameter	0.075"
146-18	Grommet, round, flush mount	2.25" diameter	0.25"
146-181	Grommet, round, raised mount	2.125" diameter	0.25"
146-182	Grommet, round, flush mount, closed-back	2.25" diameter	0.25"
146-184	Grommet, round, raised mount	2.25" diameter	0.17"
150-18	Grommet, rectangle, flush mount	2.88" x 1.53"	0.25"
150-181	Grommet, rectangle, flush mount	3.00" x 1.65"	0.25"
177-18	Grommet, round, flush mount	0.75" diameter	0.20"
421-18	Grommet, oval, flush mount	2.50" x 6.75" 1.25" r. corners	0.0179 – 0.25"
426-18	Grommet, round, flush mount	4.50" diameter	0.25"
450-18	Grommet, rectangular, flush mount	5.43" x 3.58"	0.23"
850-18	Grommet, rectangular, flush mount	5.43" x 3.58"	0.375"

Lamp Series w/ Flange	Lamp Type	Mounting Hole Diameter
411, 413, 418, 424, 425, 814, 818, 824	4" Round	4.5"
350F, 354F, 423, 822, 823, 2875	Oval	6.75" x 2.5"
162, 163, 175, 192, 193, 197	2 1/2" Round	2.75"
146, 164, 165, 194, 195, 199	2" Round	2.25"

INSTALLING PETERSON LIGHTS WITH INTEGRAL WEATHERPROOF CONNECTOR RECEPTACLES



Many Peterson LED vehicle lights have an angled receptacle built into the rear of the housing. This receptacle is designed to accept AMP SuperSeal 1.5 Series and compatible sealed, weatherproof plugs. While this type of plug is among the very best in the industry at keeping out moisture and foreign matter, proper installation will ensure these lights provide the very longest, most trouble-free service life possible.

When installing these lights, the light housing should be oriented on the vehicle so that the receptacle opening faces downward. This will protect the light and wiring in two ways:

1. The housing shrouds the opening to help keep environmental liquids and debris from dropping or running down into it.
2. Material that does come into contact with the sealing surfaces will be drawn by gravity down, out and away, rather than being pulled further into the connector.

It is important to always orient the receptacle opening properly when attaching the housing to the vehicle body. When doing maintenance on a vehicle, verify the orientation of the light housings whenever possible.

OBSOLETE PART NUMBERS

The following parts previously offered by Peterson are no longer available and do not appear in this catalog.

18-41
B61
104-3R
M104-3R
M104A
M104R
107-3A
V107-6A
M107WA-24
M112A
M115A
M115R
117A
B119-15B
B119-15G
120-49
M120A
V120A
M120A-1
M120R
M120R-1
M129R-BT2
B134-15C
136-3A
M138A-24V
M138B-24V
M138C-24V
M138G-24V
M138R-24V
B140-24
M142A-24V
M142R-24V
M145A
M145R
B146-184
M146A-24V
M146FA
M146FR
146KA
M146R-24V
M147A
M150-3A
V150-3R
B150-097
152-09
152-091
B153-493
B153-494
153C-143
153C-BT236
M153C-BT236
153KC-BT236
153SA-1
153SA-2
153SB-1
153SB-2
153SC-1
153SC-2
153SR-1
153SR-2
B154-12K
154-49
B154-121K
160-3R
160-493
M160A
160KA
V160KA
160KR
V160KR
M160R
B162-491
B167-09
B167-49
B167-491
B167-492
M167A
167KA
V167KA
167KR
V167KR
M167R
176A-BT2
176R-BT2
B177-181
V179A
V179R
M180A-24V
M180R-24V
PMD180-100-10
M214A
V214A
M214A-BT1
215-15A
215-15R
M233SR
272KR
M272R
294-09
294
M294
V294
M294C
M294C-BT2
M294C-PKD
M294WW-MV
M294-BT2
M294-MV
305-25A
305-25R
M305A
M305R
M306A
M306R
308-15A
308L-PKD
308R-PKD
310-15R
V314MA
319AA-P
319R-P
325-2
325-15A
325-15R
325-151A
326-2
335
B338-15B
338-18
V339-2
M350AF-PKD
360-25C
M361
V361
367
M367
M368-BT2
M368-MLX
375-15W
V375S
V376S
M382A
M383A
M383C
M392C
V392C
393A
394C
410-25A
B411-07
B413-07
M413-24V
416-24V
417-093ARC
417-093ARR
B417-482
B417-486
417C
M417C-1
M417C-1AMP
M417C-1P
M417C-BT2
417C-P
M417C-P
417SA-1
417SA-2
417SR-1
417SR-2
M417TA
417YA-P
M418C-1
M418C-1P
418C-P
M418C-P
418SA-1
418SA-2
418SR-1
418SR-2
M418TA
418YA-24V
418YA-P
419
M420HC-1AMP
M420HC-1P
M420R
M420R-P
420SA-1
420SA-1AMP
420SA-2
420SA-2AMP
420SB-1
420SB-2
420SR-1
420SR-2
M420VC-1P
B421-493
M421A-24V
421R-24V
M421R-24V
423HSA-1
423HSA-2
423QA-P-24V
M423R
M423R-P
423SA-1
423SA-1AMP
423SA-2
M423VC-1P
424-15R
424R
M425-3
426A-24V
431A
M431A
431KR
433-15C
M433S
437
M439B
449-2
M450A
M450C
450KC
461RSK
468K
B473A
B473R
B485A
B485R
V490A
V490R
M503HT
V504HFM
V506
507F
V507F
508
M509
V509
511
M513
V520-10
B521-20C
M525S
V531
V538
M545
V552-2
V556-2
V557-2
B560
V562-1
V581B-2PL
V581C-2PL
V583-2
M584
M588
V590-2
V597-2
V599
V600B-2
V603L
V604
617XH
672X
700-15C
748-25A
748-25C
748A
748C
766-25A
766A
V766MA
766ST
794A-1
794A-2
V809
817SW-1
817SW-2
820R-10
831
833
850-092HAR
850-092VAR
850-093HARC
850-093HARR
850-093VARC
850-093VARR
850A-R
850A-R-SW
850C-BT2
M850F-C
850HC
850R-AMP
M852
M852L
V869R
M881TL-7
902-MV
V902-MV
909-MV
V911-MV
914S-MV
V940
1195
1200-09V
1283A
1283R
1283W
M1290A-R
V2546-15A
V2546-15R
V2546A
V2546R
V2547-15A
V2547-15R
V2547A
V2547R
M2875A-P
M2875AF-P
4169A
4169R
4177CA
4177CR
4258A-1
4258A-1X
4258A-2
4258A-2X
M4260A
M4260R
M4260RF
4332
4333
4343A-1
4343A-1X
4343A-2
4343A-2X
4343A-3
4343A-3X
4343A-4
4343A-4X
4344A-1
4344A-2
4344A-3
4344A-4
4353A-1
4353A-1X
4353A-2
4353A-2X
4353A-3X
4353A-4X
4547
4741B-MV
4741C
4741C-MV
4741G
4741G-MV
4741P
4741P-MV
4741PK
4741PK-MV
4741T
4741T-MV
4741Y
4741Y-MV
5100
5124
5200
5300
5400
5424
V7011S
V7013
8344A-1
8344A-2
8363A-1
8363A-2
95041-1
95080-1
95091-1
PMPL10-100-12
PMPL3-100-12

Grote

GROTE	PETERSON
61E81	358-3
61F81	M365
64J11	V933-MV
64J21	V934-MV
12004	V603
12004-5	V603
12052	655
12053	655X
12071	609
12072	830
12073	830
12073-5	830
12113-5	832
12153	668X
12164	V602
12164-5	V602
12172	608XO
12173	608XO
12182	608
12183	608X
12201-5	V600
12243-5	832
12263-5	836
12272-5	658X
12293	608X
12983	608X
16023	617X
16032	608
16033	608X
16091	616W
16092	616
16123	615
16244	615
16284	615
18302-5	598
26001-5	616W
28032	654
28033	654X
28033-5	654X
28042	655
28043	655X
28093-5	821
28152	605
28162	605
28323-5	810
28663	655X
40052	B475R
40052-3	B475R
40052-5	V475R
40053	B475A
40053-3	B475A
40053-5	V475A
40062	V475R
40063	V475A
40072	B481R
40072-3	B481R
40072-5	481R
40073	B481A
40073-5	481A
40092	477R
40093	477A
40132	B487R
40132-3	B487R
40132-5	V487R
40133	B487A
40133-3	B487A
40133-5	V487A
40152	476R
40152-3	B476R
40153	476A
40153-3	B476A
40192	B460R
40193	B460A
40232	B472R
40232-3	B472R
40232-5	V472R
40233	B472A
40233-5	V472A
40302	B483R
40303	B483A
40641	467-1
40641-5	467-4K
40650	465-2
40650-5	465-4K
41002	481R
41003	481A
41012	477R
41013	477A
41032	B480R
41032-3	B480R
41032-5	V480R
41033	B480A
41033-5	V480A
41042	B479R
41043	B479A
41050	464-2
41133	469-1
41142	490R
41143	490A
41152	491R
41153	491A
41160	465-1
42103	7011S
42110	176-10
42112-3	B176-10
42120	176-13
42120-3	B176-13
42141	150-091
42141-3	B150-091
42152	820-09
42152-3	B820-09
42153	820-10
42180	165-10
42282	176-12
42282-3	176-12
42292	176-11
42292-3	176-11
42302	176-14
42302-3	176-14
42312	176-16
42312-3	176-16
43022	428-09
43022-5	V428-09
43100	794-09
43120	B154-092
43262-5	V440-09
43272	428-09
43272-5	V428-09
43282	510-9
43292	510-9
43343	7009S
43362	421-09
43362-3	421-09
43370	150-091
43380	150-091
43390	154-09K
43411	45
43411-3	45
43424	45
43463	7005S
43463-3	B7005S
43512	143-092
43522	143-092
43532	146-092
43572	426-09
43655	426-10
43655-3	426-10
43673	B106-09
43673-5	V106-09
43780	B154-09
43783	B154-10
43790	154-09K
43790-3	154-09K
43823	7007S
43823-3	B7007S
43842	440-09
43850	154-09K
43850-3	154-09K
43901	46
43960	150-14
43960-3	B150-14
43970	150-09 / 142-49
43970-3	150-09 / B142-49
43980	150-10
44010	5000
44134	18-41
44421	19-41
44530	570
44530-3	570
44530-5	V570
44540	571
44540-3	571
44690	573
44690-3	573
44700	574
44710	576
44720	577
44730	579
44810	554
44810-3	554
44810-5	V554
44820	557
44840-5	V520-40
44892	571
45002-5	V168R
45003-5	V168A
45012	119R
45013	119A
45022	M110R
45022-5	V110R
45023	M110A
45023-5	V110A
45042	142KR
45043	142KA
45062	M146KR
45063	M146KA
45092	154KR
45093	154KA
45172	119R
45173	119A
45232	127R
45232-3	M127R
45233	127A
45233-3	M127A
45252	136R
45252-3	M136R
45252-5	V136R
45253	136A
45253-3	M136A
45253-5	V136A
45262	135R
45262-3	M135R
45262-5	V135R
45263	135A
45263-3	M135A
45263-5	V135A
45333	V109A
45412	M102R
45412-3	M102R
45412-5	V102R
45413	M102A
45413-3	M102A
45413-5	V102A
45432	135R
45433	135A
45442	130R
45443	130A
45462	130R
45463	130A
45582	V178XR
45583	V178XA
45623	V178A
45662	M137R
45663	M137A
45812	142R
45812-3	M142R
45812-5	V142R
45813	142A
45813-3	M142A
45813-5	V142A
45821	146C
45821-3	M146C
45822	146R
45822-3	M146R
45822-5	V146R
45823	146A
45823-3	M146A
45823-5	V146A
45832	143R
45832-3	M143R
45833	143A
45833-3	M143A
45932	M106R
45932-3	M106R
45933	M106A
45933-3	M106A
46072	155R
46073	155A
46132	165R
46133	165A
46142	163R
46142-3	M163R
46143	163A
46143-3	M163A
46282	123R
46283	123A
46302	130R
46302-3	M130R
46303	130A
46303-3	M130A
46393-5	V112A
46412	150R
46412-3	M150R
46412-5	V150R
46413	150A
46413-3	M150A
46413-5	V150A
46422-5	V150KR
46423-5	V150KA
46543	M118A
46543-5	V118A
46702	108WR
46703	108WA
46712	108WR
46712-5	V108WR
46713	108WA
46713-5	V108WA
46740	154A-R
46742	154R
46742-3	M154R
46742-5	V154R
46743	154A
46743-3	M154A
46743-5	V154A
46791	M138C
46792	138R
46792-3	M138R
46792-5	V138R
46793	138A
46793-3	M138A
46793-5	V138A
46832	155R
46833	155A
46882	107WR
46882-5	V107WR
46883	107WA
46883-5	V107WA
46892	M122XR
46892-5	V122XR
46893	M122XA
46893-5	V122XA
46982-5	V114R
46983-5	V114A
47012	168R
47012-3	M168R
47013	168A
47013-3	M168A
47052	V126R
47053	V126A
47082	153R
47083	153A
47092	161R
47093	161A
47112	198R
47112-3	M198R
47113	198A
47113-3	M198A
47122	196R
47122-3	M196R
47123	196A
47123-3	M196A
47202	M162FR
47212	166R
47212-3	M166R
47213	166A
47213-3	M166A
47232	197R
47232-3	M197R
47233	197A
47233-3	M197A
47322	163R-MV
47323	163A-MV
47332	165R-MV
47333	165A-MV
47372	M197FR
47372-3	M197FR
47373	M197FA
47472	V196KR
47473	V196KA
47502	M129R
47502-3	M129R
47503	M129A
47503-3	M129A
47772	M178CR-BT2
47773	M178CA-BT2
47853-5	V170A
47912	4354R
47913	4354A
48072	500
48272	500
48282	V500
49062	136-3R
49112	107-3R
49112-5	V107-3R
49172	150-3R
49192	169-3R
49212-5	V191-3RL
49223	M169-3A
49242-5	V169-3R
49262	M181R-MV-BT2
49263	M181A-MV-BT2
49322	181KR-BT2
49322-5	V181R-BT2
49323	181KA-BT2
49323-5	V181A-BT2
49332	176KR
49333	176KA
49362	M271R-BT3
49363	M271A-BT3
49392	187R
49393	187A
50222	413
50232	413
50232-5	V413
50532	440L
50542	440
50542-5	V440
50630	313-2RA
50630-5	V313-2RA
50642	313-2
50642-5	V313-2
50872	428
50872-5	V428
50920	845L
50972	445
50972-5	V445

Grote (cont.)

GROTE	PETERSON
50992	454
51962	840
51962-5	V840
51972	840L
51972-5	V840L
51982	844
51982-5	V844
51992	844L
51992-5	V844L
52182	421R
52182-5	V421R
52183	421A
52183-5	421A
52193	352A
52193-3	M352A
52202	450KR
52203	450KA
52253	M352KA
52302	440
52302-5	V440
52312	440L
52312-5	V440L
52362	V456L
52372	V456
52442	M444
52452	M444L
52482	V456
52492	V456L
52513	352A
52522	M413S
52572	421KR
52592-5	V423XR-4
52602	454
52770	429R
52770-3	M429R
52772	426R
52772-3	M426R
52772-5	V426R
52773	426A
52782	426KR
52892	421R
52892-3	M421R
52892-5	V421R
52893	421A
52893-5	421A
52902	442
52912	442L
52922	431R
52922-3	M431R
52922-5	V426R
52923	426A
53000	337-2
53012	M431KR
53012-5	V426KR
53020	V335-2
53092	421KR
53093	421KA
53132	306R
53133	306A
53422	717R
53532	M417R
53552	817R-7
53553	817A-7
53582	869R
53662	M441
53672	M441L
54032	818R-7
54142	820R-7
54143	820A-7
54172	821R-7
54173	821A-7
54193	356A
54213	356AF
54282	826R-MV
54292	817R-9
54313	817A-9
54342	826R
54342-3	M826R
54343	826A-MV
54362	816R
54363	817A-9
54562	817R-7
54572	818R-7
54573	1218R-9
54682	M880-PL3
54722	820R-7
55223	313AA
55223-5	V313AA
55280	V313-2RA
55290	337-2
55982	717R
55983	717A
55992	717R
55993	717A
56000	337-2
56020	V335-2
60001	400
60001-3	M400
60011	436SX
60011-5	V436SX
60081	M436B
60101	438
60101-3	M438
60101-5	V438
60121	400
60151	435
60151-5	V435
60251	437
60251-5	V437
60261	150C
60261-3	M150C
60271	150W
60291	154C
60291-3	M154C
60301	154C
60381	290C-BT2
60460	150C / 150-14
60591	V369S
60671	153C-BT2
61091	389S
61091-5	389S
61171	V379S
61261	M360
61291	M360
61491-5	V391C
61501	M434
61501-5	V434
61611	V503HF
61861	368
62101	817C-7
62101-3	M817C-7
62151	M411SC
62171	415
62171-3	M415
62181	415K
62181-3	415K
62231	416
62231-3	M416
62251	416K
62251-3	416K
62291	M393C
62331	415K
62521	416
62521-3	M416
62691	826C-7
62691-3	M826C-7
62751	821C-7
62751-3	M821C-7
62791	818C-7
62791-3	M818C-7
63151-5	V503HF
63171-5	V503HT
63181-5	V504HF
63451-4	505K
63531	M525
63611	906-MV
63611-5	V906-MV
63741	903-MV
63741-5	906-MV
63751	V906-MV
63821	711
63821-5	V711
63861	921-MV
63861-5	V921-MV
63981	910-MV
63981-5	V910-MV
64101	V408
64261-4	505K
64371-5	V582-2
64401-5	V566-1
64441	V408
64930	507LU
64931	507
64931-5	V507
64941	508
65202	161KR
65203	161KA
65300-5	V547
65320-5	V941
65370-5	V540
65380-5	541
65440-5	V544
65720-5	V955
65730-5	V555
65880-5	V941
66812	431-491
66843	421-491
66843-3	B421-491
66850	162-491
66851	162-493
66860	417-496
66861	417-49
66862	417-48
66930	160-491
66930-3	B160-491
66931	160-492
66932	160-493
66981	153-49
67000	431-491
67000-3	B431-491
67001	162-49
67001-3	B162-49
67006	417-491MP
67010	431-49
67011	431-49
67014	421-49
67050	142-49
67050-3	B142-49
67090	421-491
67090-3	B421-491
67090-5	421-491
68130	413-07
68170	411-07
68420	B5425Y
68540-5	V5425Y
71152	459
71422	449
73030	785
73040	780
73040-5	V780
73080	785
73090	781
73160	786-102
73220	786-97
76032	V774R
76033	V774A
76253	798A
76263	798A
77473	764A
77483	V764MA
77813	791A
77823	791MA
77912	740R
77913	740A
78033	798A
78093	762A
78113	744A
78143	4153SA
78163	4155SA
78200	778A
78333	M146ABS
78343	M142ABS
78343-3	M142ABS
78433	M198ABS
78433-3	M198ABS
78460	4153SA
78460-5	P4153SA
79053	751A
87220	5407S
87250	5407S
87860	5407S
90011	414-15C
90012	410-15R
90012-3	B410-15R
90012-5	V410-15R
90013	410-15A
90052	119-15R
90053	119-15A
90122	134-15R
90122-5	V134-15R
90123	134-15A
90123-5	V134-15A
90152	136-15R
90152-5	136-15R
90153	136-15A
90153-3	136-15A
90162	100-15R
90163	100-15A
90172	130-25R
90173	130-25A
90202	108-15R
90202-5	V108-15R
90203	108-15A
90203-5	V10815A
90252	334-15R
90302	110-15R
90303	110-15A
90762	V410-15R
90922	124-15R
90923	124-15A
90941-5	V701C
90951-5	V705C
90971-5	VH550
91042	130-25R
91043	130-25A
91112	55-15R
91113	55-15A
91122	56-15R
91302	445-25
91380	150-181
91400	143-18
91400-3	B143-18
91410	142-18
91482	420-15
91572	134-15R
91573	134-15A
91582	334-15R
91583	334-15A
91683	118-15A
91740	426-18
91740-3	B426-18
91961	B138-15C
91962	138-15R
91962-3	B138-15R
91963	138-15A
91963-3	B138-15A
91964	B138-15G
91965	B138-15B
92070	144-18
92120	146-18
92120-3	B146-18
92150	146-182
92150-3	B146--182
92420	421-18
92420-3	B421-18
92432	107-15R
92433	107-15A
92510	424-09
92511	424-09
92512	424-09
92773	117-25
92792	440-15
93400	127-181
93402	127-18
93552	424-09
93552-3	424-09
93750	142-09 / 143-18
93750-3	142-09 / 143-18
93760	146-09 / 146-181
93760-3	146-09 / 146-181
94000	142-18K
94010	143-18K
94100	146-18K
94180	450-18
94180-3	B450-18
94233	150-10
94411-5	V703C
94421-5	V702C
99170	PM-ECK-T
99170-1	PM-ECK-T
99580	PMV0099PT
99593	425S-21
99593-3	425S-21
99595	410-21
99595-3	410-21
BZ101-5	921-MV
BZ111-5	912-MV
BZ201-5	910-MV
BZ551-5	913-MV
BZ601-5	904-MV
G1002	173R
G1003	173A
G1032	163R
G1033	163A
G1082	V72R
G1092	163R
G1093	163A
G1502	203R
G1503	203A
G1902	161R
G1902-5	V161KR
G1903	161A
G1903-5	V161KA
G2102	188R
G2103	188A
G3002	165R
G3003	165A
G3092	166R
G3093	166A
G4002	M417R-P
G4002-5	V417KR
G4003	M417TA-P
G4012	V417KR
G4502	850R-1P
G4503	850A-1P
G4602	38R-MV
G4602-5	V38R
G4603	38A-MV
G4603-5	V38A
G5053	121A
G5082	845
G5082-5	V845
G5092	845L
G5092-5	V845L
G5300	V338-2
G5530	V327L
G5540	V327R
G6002	821R-22
G6002-5	V821R-22
G6003	821A-22
G6121	298C
G6121-5	V298C
G6151	290
G6151-5	V290

Truck-Lite

TRUCK-LITE	PETERSON
00790	150-09
00791	150-10
00793	B150-12
00802	150-13
00809	150-092
1001	V110R
1001A	V110A
10075R	197KR
10075Y	197KA
10079R	197KFR
10079Y	197KFA
10086R	163KR-MV
10086Y	163KA-MV
10133	176-12
10202R	142R
10202Y	142A
10205R	143R
10205Y	143A
10208R	143R
10208Y	143A
10212Y	M142ABS
10275R	197R
10275Y	197A
10276R	V72R
10279R	197FR
10279Y	197FA
10286R	163R
10286Y	163A
10288R	163FR
10288Y	163FA
10401	143-18K
10404	142-18K
1050	162R
1050A	162A
1052	162R
1052A	162A
1058	197R
1058A	197A
1070	162FR
1070A	162FA
10700	143-18
10702	144-18
10704	142-18
10708	B142-17
10715	7007S
10720	2594
10724	165-10
10725	142-09
10728	165-10
10729	143-092
10731	B142-091
10740	V7007
1075	V72R
1211	138R
1211A	138A
1211W	M138C
1213	138R
1213A	138A
1222	108WR
1222A	108WA
1259	135R
1259A	135A
1264	108WR
1264A	108WA
1320A	V118A
14200R	127R
14200Y	127A
14700	127-181
14701	127-18
15033R	V153KR
15033Y	V153KA
15043	153C-142
15056	153C-143
1507	107WR
1507A	107WA
15200C	150W
15200R	150R
15200Y	150A
15205	153C-P
15208	150C
15227	153C-BT2
15250R	153R
15250Y	153A
15408	150-092
15409	150-102
15506R	V150KR
15506Y	V150KA
1555	136R
1555A	136A
1560	203R
1560A	203A
1570	V114R
1570A	V114A
15702	B150-181
15728	150-091
15729	150-14
15730	150-141
15745R	150-3R
15905	153C-MV
172	570
173	571
182	573
183	574
19002R	154KR
19002Y	154KA
19006R	161KR
19006Y	161KA
19200C	154C
19200R	154R
19200Y	154A
19206	154C
19250R	161R
19250Y	161A
1960	161R
1960A	161A
19680A	778A
19720	B154-09
19721	154-09K
19724	B154-092
19726	154-11K
19729	B154-11
19739	154-10K
19740	B154-11K-BT1
19748	B154-10
21251R	187R
21251Y	187A
21256R	187R-MV
21256Y	187A-MV
21275R	187R
21275Y	187A
2150	188R
2150A	188A
22202Y	343A
262	554
26250R	133R
26250Y	133A
263	557
26302G	M138G
26311R	123R
26311Y	123A
26313R	M122R
26313Y	M122A
26315R	119R
26315Y	119A
26330	435
26330-1	V435
26331	M432
26335	400
26336	437
26336-1	V437
26393C	M394C
2660	V180R
2660A	V180A
26765Y	M118A
26765Y1	V118A
26901R	135R
26902R	135R
26902Y	135A
27270C	701C
27291C	701C-ECE-LHT
27450C	705C
2750	V338-2
2751	V339R
2751A	V339A
2758	V327R
2759	V327L
27640C	702C
27645C	703C
2803	V335-2
282	576
283	577
286	579
30075R	199KR
30075Y	199KA
30080R	199KFR
30080Y	199KFA
30133	176-11
30200C	M146C
30200R	146R
30200R1	V146R
30200Y	146A
30200Y1	V146A
30201R	M145R
30201Y	M145A
30222R	M146SR
30222Y	M146SA
30230Y	M146ABS
30264Y	M199A
30269Y	M199FA
30275R	M199R
30275Y	M199A
30279R	M199FR
30279Y	M199FA
30285R	165R
30285Y	165A
30288R	M165FR
30288Y	M165FA
30289R	M165FR
30289Y	M165FA
30401	146-18K
3050	164R
3050A	164A
30503R	V146KR
30503R1	V146KR
30503Y	V146KA
30503Y1	V146KA
3058	199R
3058A	199A
307A	764A
3070	164FR
3070A	164FA
30700	146-18
30702	146-182
30708	7005S
30713	V7005
30720	2593
30721	146-09
30728	146-092
30729	B146-093
3075	166R
3075A	166A
313A	V764MA
32	B484R
32A	B484A
33010C	291KC-BT2
33050R	M181R-BT2
33050Y	M181A-BT2
33060C	171KC-BT2
33065C	171KC-BT2
33075R	M181R-BT2
33075Y	M181A-BT2
33203R	M271R-BT3
33203Y	M271A-BT3
33204R	M271R-BT3
33204Y	M271A-BT3
33210C	M291C-BT2
33250R	M171R-BT2
33250Y	M171A-BT2
33260C	M171C-BT2
33265B	4741B
33265C	M171C-BT2
33265R	M171R
33265Y	M171A
33275R	M181R-BT2
33275Y	M181A-BT2
33285R	177CR-BT2
33285Y	177CA-BT2
33700	B177-18
33711	176-10
33715	176-13
33800	B176-09
33810	B176-09X
3550	60R
3550A	60A
35720	160-09
37	465-4
3753	313R
3755	313R
3755D	V313R
3812	337-2
3850	313-2RA
3850AA	313AA
3863	V335-2
40002R	426KR
40002Y	426KA
40004	415K
40028R	M431KR
40028Y	426KA
40041Y	426KA
40042R	426KR
40044	415K
40058R	M431KR
40202R	426R
40202R1	V426R
40202Y	426A
40204	415
40206R	429R
40222R	M424R
40233R	M424R
40241Y	426A
40242R	426R
40244	415
40247R	426R
40258R	M424R
40259R	M424R
4027	445
4027D	V445
40282R	431R
40282Y	426A
4050	826R-7
4050A	826A-7
4053	824R-7
4053A	824A-7
4058	826R-7
4058A	826A-7
4060C	826C-7
4063C	824C-7
40700	426-18
40720	426-09
40725	426-10
41	B472R
41A	B472A
42722	428-09
43	B460R
43A	B460A
434WD	V434
44001Y	V417KTA
44002R	V817KR-36
44002R1	V817KR-36
44003Y	817KA-9
44023Y	818KA-9
44024Y	818KA-9
44026R	V418KR
44027Y	V418KTA
44030R	817KR-7
44032R	818KR-7
44036R	818KR-7
44040C	817KC-9
44041C	817KC-9
44044C	818KC-9
44045C	818KC-9
44071Y	817KA-9
44082R	V817KR-36
44091Y	817KA-7
44092R	817KR-7
44092Y	818KA-7
44094Y	817KA-7
44095Y	817KA-7
44141C	817KC-9
44146C	818KC-9
44180C	817KC-7
44181C	818KC-7
44182C	818KC-7
44183C	817KC-7
44184C	817KC-7
44201Y	817A-36
44202R	817R-36
44203Y	817A-9
44206C	817C-9
44211Y	817SA-1/-2
44213Y	818SA-1/-2
44221Y	818A-36
44222R	818R-36
44223Y	818A-9
44224Y	818A-9
44226R	818R-36
44227Y	818A-36
44235C	818C-9
44236C	818C-9
44240C	818C-9
44253R	817R-9
44266R	818R-9
44276Y	818A-9
44291Y	817A-7
44292Y	818A-7
44294Y	817A-7
44295Y	818A-7
44302R	817R-7
44304C	800W-9
44308C	817W-9
44322R	818R-7
44326R	818R-7
44339C	818W-9
44344C	818C-7
44346C	818C-7

Truck-Lite (cont.)

TRUCK-LITE	PETERSON
44350R	M417R
44350C	817C-7
44351R	M417R-P
44362R	M418R
44363R	M418R-P
44438C	V379S
44701	V7009
44701-1	V7009
44705	7009S
44871Y	817A-9
44877Y	818A-9
44878Y	818A-9
44881Y	817A-36
44882R	817R-36
44883R	818R-36
44887Y	818A-36
44888Y	818A-36
44953R	M418R
44954R	M418R-P
44959R	M417R
44960R	M417R-P
44982R	817R-7
44983R	818R-7
44986R	818R-7
44990C	817C-7
44991C	818C-7
44992C	818C-7
45	481R
45A	481A
45001R	M450R
45002R	450KR
45002Y	450KA
45202R	M450R
45204	415
45207R	M450R
45251Y	850A-1P
45258R	850R-1P
45263Y	850A-1P
4550	850R-1P
4558	850R-1P
4560C	850C-1P
45700	450-18
47	B475R
47A	B475A
50	45-171
5050DK	V941
5055D	V840
5056D	V840L
5070	845L
5071	845
50868	P373
50869	P411
50878	P374
50887	5406P
50896	5407S
52	B477R
52A	B477A
528	M456L
529	M456
530DK	V547
533DK	V540
534D	V440L
535D	V440
54	B480R
54A	B480A
549SWD	V391C
60001R	421KR
60001Y	421KA
60002R	421KR
60002R1	V421KR
60004C	416K
60015Y	M352KA
60050R	820KR
60052R	823KR-7
60056R	823KR-7
60061R	820KR-7
60062R	823KR-7
60072Y	823KA-10
60074Y	820KA-10
60075Y	820KA-10
60082Y	423QA-P
60083R	421KR
60085R	820KR
60092C	416K
60094Y	820KA-10
60096Y	823KA-10
60097Y	823KA-10
60201R	421R
60201Y	421A
60202R	421R
60202R1	V421R
60202Y	M421A
60215Y	352A
60250R	820R-7
60252R	823RTL-7
60253R	820R-10
60255Y	820A-10
60256R	823RTL-7
60260R	820R-7
60264R	820R-10
60266R	823RTL-7
60272Y	823A-22
60275Y	820A-22
60276Y	823A-22
60280Y	820QA
60282Y	823QA
60283R	421R
60283Y	421A
60284C	416
60286Y	823QA
60290Y	820A-10
60291Y	M823ATL-10
60292Y	M823ATL-10
60315Y	356A
60317Y	356AF
60354C	820C-7
60356R	822R-7
60360R	820SR-1/-2
60360Y	820SA-1/-2
60366Y	823SA-1/-2
6050	821R-7
6050A	821A-7
6053	822R-7
6053A	822A-7
60552R	M881-7
60553R	M881-7
60557R	M880-7
6058	821R-7
6058A	821A-7
6060C	821C-7
6063C	822C-7
60700	421-18
60703	V7011
60719	7011S
60720	421-09
60872Y	823A-22
60885R	820R-7
60891Y	820A-22
60892Y	820A-10
610W	V503HF
613W	M525
620W	507
627WD	V504HT
629WD	V504HF
66050R	820KR-7
66052R	823KR-7
66056R	823KR-7
66082R	823KR-7
66085R	820KR-7
66205C	820KC-7
66206C	M823CTL-7
66250R	820R-7
66252R	823RTL-7
66256R	823RTL-7
66882R	823RTL-7
66885R	820KR-7
70311	313-2RA
70330R	313R
7038	V600
7039	V603
7048	V602
7268	B835
7269	836
7618	598
7619	805
797	459
7973D	650
798	449
80162C	368
80164C	M368-BT2
80253C	M360
80255C	M365
80302R1	425S
80304	M411C
80334R	425
80335R	425S
80342	M411C
80342-3	M411C
80344	M411SC
80345	M411SC
80355	M395C
80360	507
80360-1	V507
80361	507
80364	M408
80378	M507S
80438	508
80461R	428
80462R	428S
80490	M396C
80525	V566-1
80560	VH549
80571	VH550
80594	V520-41
80720	440-09
80888	505K
81240	911-MV
81250	921-MV
81260	907
81261	M908
81300R	425
81360	911-MV
81380	921-MV
8140	912-MV
8150	921-MV
81510	910-MV
81520	910-MV
8155	904-MV
81560	VH549
8160	910-MV
8170	910-MV
8192	913-MV
8933	108-15R
8933A	108-15A
8935W	389-15C
8937	136-15R
8937A	136-15A
8947	55-15R
8947A	55-15A
8948	440-15
900	500
9004	110-15R
9004A	110-15A
9004G	110-15G
9004W	110-15C
9007	138-15R
9007A	138-15A
9007B	B138-15B
9007G	B138-15G
9007W	B138-15C
9016	334-15R
9016A	334-15A
9016B	334-15B
9041	420-15
9049	445-25
9057	V2549-15R
9057A	V2549-15A
9093	134-15R
9093A	134-15A
9102	411-07
91241Y	717A
91242R	717R
91243Y	717A
91244R	717R
91370Y	717A-PKD
92522Y	760A
92523Y	760MA
92524Y	761A
92525Y	761MA
92534Y	744A
92539Y	769-2MA
92560	744A
92864Y	798A
92868Y	778A
92872Y	P4156SA
92878	B106-09
92900	780
92900-1	V780
92901	780
92902	781
92916	786-97
92918	786-102
92924	782
92925	19-41
9342	107-15R
9342A	107-15A
9371	126-15R
9371A	126-15A
9371W	126-15C
9372	306-25R
9372A	306-25A
9373W	306-25C
9380SW	M389S
94237	160-49
94609	160-49
94706	417-491
94707	417-49
94718	160-491
94727	153-49
94729	153-49
94743	B431-492
94759	417-48
94768	417-493
94769	417-491Y
94789	417-481
94902	142-49
94909	B142-51
94916	B142-50
94919	142-49
94924	162-49
94925	431-49
94926	431-491
94932	421-491Y
94992	421-49
94993	421-491
95220	417-49
95399	817-49Y
95424	B417-492
96830	701-491
97005	160-492
97159	5407P
97388	PMV0300T
97611	605
97618	654X
97619	654
97627	615
97659	B835
97681	810
97802	605
97803	608X
97804	608
97805	832
97806	616W
97811	616
97812	617X
97814	608XO
97819	655X
97820	655
97822	617
97852	821
97860	615
97944	PM-103T
97960	46
97980	507LU
98003R	B487R
98003R1	V487R
98003Y	B487A
98003Y1	V487A
98006R	476R
98006Y	476A
98013	PM-103T
98031R	B479R
98031Y	B479A
98101	465-2
98111	468-1C
98126	467-1
98127	465-1
98136	465K
98137	467-4K
98165	469-1
98168	469-1
98175R	490R
98175Y	490A
98176R	489R
98176Y	489A
99001R	102-15R
99001Y	102-15A
99007C	414-15C
99007R	410-15R
99007Y	410-15A
99008R	410-25R
99008Y	410-25A
99009R	338-15R
99009Y	338-15A
99039R	110-15R
99039Y	110-15A
99041R	136-15R
99041Y	136-15A
99066Y	117-25A
99067Y	118-15A
99090R	310-15R
99090Y	310-15A

WARRANTY TERMS

LED Limited Lifetime Warranty

LED lights manufactured by Peterson Manufacturing Company ("the manufacturer") and sold under the PM LED, LumenX®, Great White® and Piranha® brands are warranted to the original purchaser against defects in material and/or workmanship for the life of the product.

This Limited Lifetime Warranty is not transferable and applies only to the original installation of the product for as long as the original consumer owns the vehicle (lifetime).
This warranty is subject to Conditions and Exclusions as noted below.

Peterson®/Defender® LED 10-Year Limited Corrosion Warranty

PM LED® and LumenX® Brand LED lights manufactured by Peterson Manufacturing Company ("the manufacturer") and installed as a component part of the Peterson®/Maxi-Seal® Defender® brand Harness and Lighting System are warranted to the original purchaser against corrosion damage caused by the failure of the light or wiring harness for a period of ten (10) years from the date of shipment. This Limited Warranty is not transferable and applies only to the original installation of the product.
This warranty is subject to Conditions and Exclusions as noted below.

LED Three-Year Limited Warranty

LED lights manufactured by Peterson Manufacturing Company ("the manufacturer") that are listed herein are warranted to the original purchaser against defects in material and/or workmanship for a period of three (3) years from the date of shipment:

- LED headlights
- Great White® LED work lights
- Great White® LED strip lights
- Non-LumenX strobe beacons
- 215 Series clearance/marker lights
- Tunnel Lights™
- Nightwatcher® LED bar lights

This warranty is subject to Conditions and Exclusions as noted below.

One-Year Limited Warranty

Incandescent, halogen and xenon lights and related accessories manufactured by Peterson Manufacturing Company ("the manufacturer") are warranted to the original purchaser against defects in material and/or workmanship for one (1) year from the date of shipment.
This warranty is subject to Conditions and Exclusions as noted below.

Conditions & Exclusions

Conditions

Warranty claims require examination of the unserviceable part(s) by the manufacturer or an expressly designated agent. Refund, acceptance, return, or exchange of unserviceable parts by other parties, including the manufacturer's dealers and/or resellers, does not constitute a determination on behalf of the manufacturer that such part is deemed warrantable.
This warranty allows only for repair or replacement of the defective part, or refund of the purchase price, at the sole discretion of the manufacturer. The manufacturer makes no warranty regarding the fitness of its products for any particular purpose. The manufacturer is not liable for other incidental or consequential damages.
In no circumstances shall this warranty be extended to third parties except those performing as, or on behalf of, the manufacturer's authorized distributors.
Any implied warranties are limited to the specified warranty period.

Exclusions

Any of the above warranties shall be null and void if any one of or combination of these exclusions apply:

- Failure to install, operate, and maintain the product in accordance with the manufacturer's recommendations and standard industry practices.
- The product is damaged due to accident, abuse, misuse, improper installation, unauthorized modification, or exposure to incompatible cleaners or solvents.
- Product failure is caused by the defect or malfunction of equipment or component(s) from a source other than the manufacturer.
- Product failure is caused by severe applications including (but not limited to) buses, off-road, and construction vehicles.
- Product failure is caused by corrosive chemicals including acid washes and highway snow and ice chemicals.
- Product failure is caused by connector failure and/or water penetration due to (but not limited to) cracked housing, cracked lens, wire wicking, or corrosion.

This warranty gives you specific legal rights. You may also have other rights that vary by state and country. Some jurisdictions do not allow limitations on the duration of implied warranties. Therefore, some of the above limitations may not apply to you.

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SPOTLIGHT

DEFENDER HARNESS/LIGHTING SYSTEM

Modular harness technology that corrosion can't touch!

Under-trailer mounting

Its advanced technology is unlike any standard harness system ever built.

Peterson's **DEFENDER®** is the world's most advanced vehicle harness/lighting system. Proven *over 4 billion* rugged miles by major fleets, our modular DEFENDER is still performing like new—virtually maintenance-free!

That's why Peterson is proud to back DEFENDER with an iron-clad warranty against defects and corrosion for a **full 10 years**. And why we're confident it's the corrosion-proof harness/lighting solution that OEs and fleets have been waiting for.

HIGH TECH CONQUERS CORROSION

The chemical cocktails lurking on today's roads eat trailers and electric systems alive. In fact, corrosion is the trucking industry's #1 cause of electrical system failures, costing billions in repairs and equipment downtime.

So Peterson and our Maxi-Seal division committed to build not just a superior harness/lighting system, but to create a real solution to profit-killing corrosion—the DEFENDER®.

BUILT TO LAST—GUARANTEED

Other harnesses may claim rugged reliability, but the Defender system has logged over four billion real-world test miles to prove it. In all those miles, the system's fail rate is less than 1%!

If you're a fleet manager, think what a corrosion-proof Defender system on your trailers could save in maintenance and repair costs… equipment down time… and FMCSA citations for lighting outages.

In fact, just one less trip to the repair shop will pay the difference in the price of Defender versus a standard harness system.

Why fight today's costly corrosion problems with yesterday's harness technology? Now you can win that war with the Defender Harness System. Proudly made in the USA—and only from Peterson.

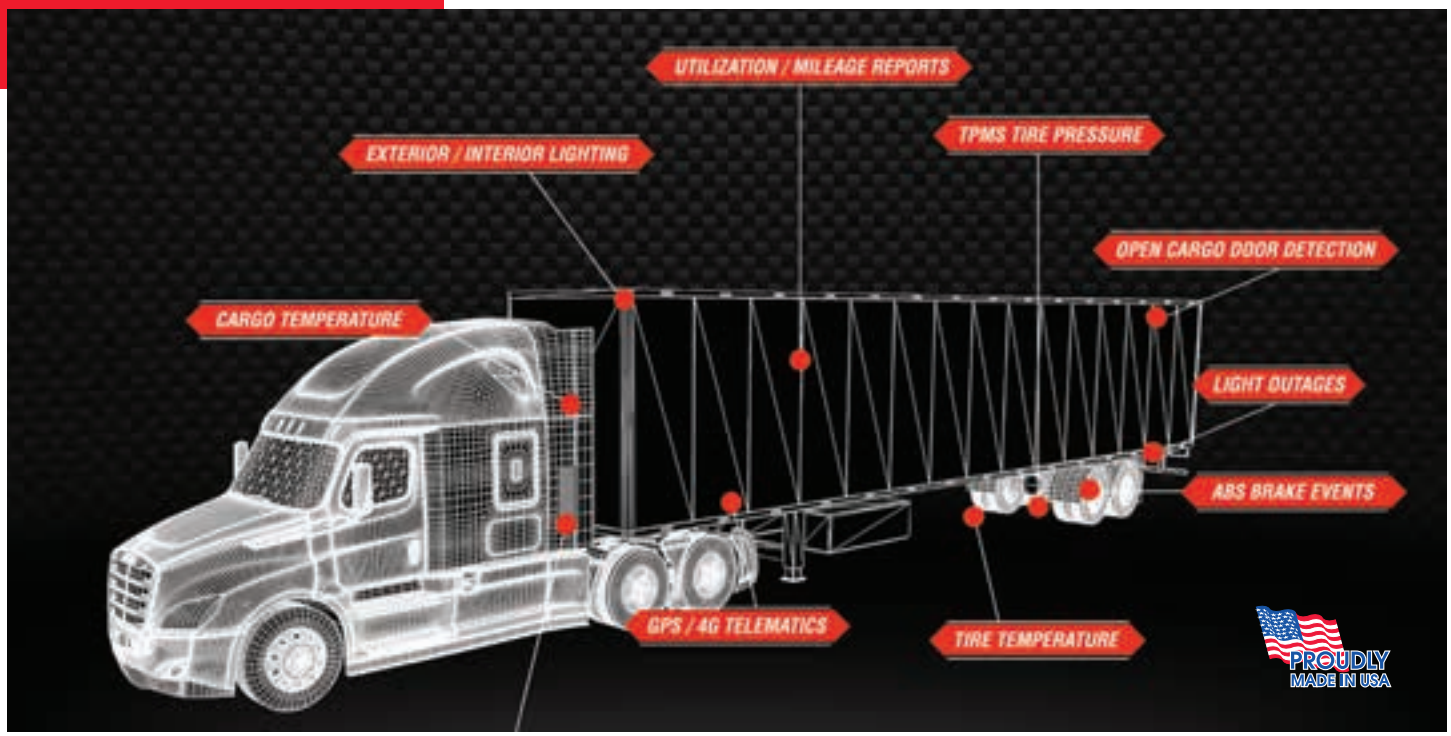
DEFENDER

- **Modular Design**
- **Heavy Duty Terminals**
- **Improved Bullets**
- **Dual Isolated Grounding**
- **Advanced Silicone Seals**
- **Integrated Moisture Barrier™**
- **Improved Breakout Design**
- **Patented Hard-Shell J560s**
- **Sealed Ring Terminals**

SPOTLIGHT

PULSE INTELLIGENT TRAILER SYSTEM

Smart CAN-Bus technology for fleet trailers.



Peterson thinks it's time that fleet trailers got as smart as today's high-tech trucks, and is proud to introduce its patented ***PetersonPULSE***™ intelligent trailer system.

PULSE is the unique trailer solution that brings CAN-Bus technology and telematic capability to trailers. Engineered specifically for fleet trailers, ***PULSE*** not only controls and detects real-time status of vital trailer system — lights, ABS brakes, tire pressure, cargo temperature, and more — but also alerts drivers and fleet managers via Bluetooth and cellular communications.

"***PULSE*** brings trailers up to speed with today's smartest trucks," said Peterson's VP of Engineering, Cory Adams. "By signaling trailer issues as they happen, ***PULSE*** enhances the safety of driver and cargo, and helps avoid road incidents, CSA violations, and costly fines."

Peterson developed ***PULSE*** in partnership with industry leaders in TPMS/ABS and telematic technology. The system features Peterson's LumenX LED lighting package and the harness-building expertise of the company's Maxi-Seal division.

PetersonPULSE is engineered to CAN-Bus specifications, with high-speed, twisted-pair communication wires and sensors installed throughout the trailer. All components are fully sealed, vibration tested, and built for long life.

Compared to the heavy, multi-wire cabling of traditional harnesses, ***PULSE*** twisted-pair cabling is lighter weight, flexible, and installation friendly.

The ***PULSE*** cabling links front and rear control modules, system sensors, and communication components—just like computers in a network. "It's like an information super highway," Adams said. "Whether a trailer is parked or underway, ***PULSE*** enables real-time monitoring of all trailer systems — anytime, anywhere. There's even a backup battery to power the system whether or not the trailer is connected to the tractor."

With a mobile device, a driver can do pre-trip walk-around inspections to check for issues with any trailer system — a "Know Before You Go" safeguard. On the road, ***PULSE's*** trailer intelligence detects any issues and sends alerts via Bluetooth to the driver's smart phone or tablet. Alerts can also be sent to fleet managers via a cellular network.

"***PetersonPULSE*** makes fleet trailers as smart—and safe—as today's new trucks," Adams said.

PetersonPULSE is all USA-made and ready to go today, only from Peterson.

PM CORPORATE TIMELINE

1945 **Wilbur Peterson sets up shop at 14th & Chestnut in Kansas City.** Early products include "Big Pete" tire pumps for Western Auto's famous Western Flyer bikes. In response to growing demand for aftermarket vehicle lighting, Peterson manufactures our first taillights.

1956 **Don Armacost Sr. buys Peterson Manufacturing;** annual sales are $750,000.

1960 The growing company moves to a **35,000-sq.-foot.** facility.

1961 Peterson innovation makes industry news with the **VIBAR® socket** — first to protect fragile lights from vehicle vibration.

1968 We welcome **Anderson Marine and Mission Plastics** to the corporate family.

1970 Rapid growth dictates another relocation to our current site in **Grandview, Missouri.**

1974 The first of several **major plant expansions** boosts our warehousing capacity for finished goods.

1991 Further expansion increases our production capacity and makes room for **Mission Plastics North**. We acquire **Transworld Products** to meet the growing global demand.

1995 Peterson leads the industry in earning I**SO 9001/QS-9000 registration**. We introduce our first **Piranha®-style LED** light and launch a 39-LED round S/T/T with innovative lens optics.

1996 The efficiencies of our vertically integrated corporate campus are enhanced significantly with the addition of **Vector Tool & Engineering**. World-class design technology and mold-building expertise are now part of the family. This same year, Peterson partners with Alloyd in launching an automated blister packaging system.

2003 A 60,000-sq.-ft. warehouse addition ensures our ability to maintain an **industry-leading 98% fill rate** on orders. We launch our multi-function Strobe & Turn LED for the refuse industry — another lighting first.

2005 Our custom wiring harness subsidiary, **Maxi-Seal**, moves into a state-of-the-art 65,000-sq.-ft. addition.

2006 High demand for our lights and growth in Peterson subsidiaries prompt expansions that bring our 44-acre Grandview campus to over **670,000-sq. feet** under roof.

2007 Peterson receives **Caterpillar's Silver Award**, becoming the first lighting supplier ever to earn such an award.

2009 Global expansion marks our year as **Peterson Europe** adds over two dozen countries to our list of international trade partners. They join Australia, Canada, Mexico, New Zealand and South Africa in handling our ECE product line.

2010 Peterson's subsidiary, Maxi-Seal, launches the **Defender® System** in the truck-trailer industry — specifically designed for fleet dry van, reefer, flatbeds, tankers, and grain trailers.

2011 Peterson continues automation and equipment expansion with the purchase of SMT technology, allowing us to populate our own LED boards. **Mission Plastics** introduces an industry first with insert molding technology.

2012 We introduce our **LumenX® LED** line, including S/T/T lights, turn signals, and backup lights. LumenX® are brighter than standard LEDs, and brighter is safer!

2013 Grandview's "Quiet Giant" is now a **quarter-billion-dollar corporation of 11 companies** and more than 3,000 people working in global transportation-related industries.

2014 Peterson launches our first **LED headlight**, a 7" round, Par56 unit which earns a HDT Top 20 products award.

2015 The Defender® System surpasses **4 billion miles** of over-the-road performance — virtually maintenance-free.

2017 Peterson continues manufacturing excellence with the upgraded **ISO9001:2015** certification.

2018 We launch our intelligent traler system, **Peterson *PULSE*®** at the 2018 TMC Show in Atlanta; it's named to HDT's Top 20 new products list.

PETERSON'S CORPORATE HISTORY

Founded in 1945 and owned by the Armacost family since 1956, Peterson has grown to a quarter-billion-dollar, multi-faceted corporation serving customers across America, Canada, Mexico, Europe, South America, Australia, New Zealand, China, and the Middle East—and earning the nickname of "Quiet Giant" in the Kansas City-area suburb of Grandview, Missouri.

President and CEO, Don Armacost, Jr., whose father acquired the business, credits the company's success to its long history of square dealings with customers, suppliers and employees. "That tradition has brought us a long ways," he said. "We're not about to change it."

From its 44-acre Grandview corporate campus, Peterson operates a 670,000 sq.-ft. facility staffed and equipped for cutting-edge manufacturing. The vertically integrated operation includes engineering and design, photometric and environmental testing, tool and die production, harness and wire manufacturing, plastic injection molding, final assembly, warehousing, sales and customer service.

In building its familiar PM brand, Peterson has made USA quality and value the company-wide standard. From engineering products to exceed federal minimums by 25%, to delivering those products with an industry-best 98% fill-rate, Peterson has proved itself a count-on business partner.

Don Armacost, Sr.

As CEO Don Armacost, Jr. says, "While we celebrate our 75th year, my dad's vision for Peterson and our extraordinary associates will continue to guide our future: 'Our goal has never been to be the biggest', dad said. 'Just the best.'"

Don Armacost, Jr.

PETERSON'S CORPORATE FAMILY

In addition to Peterson Manufacturing, these highly specialized companies contribute to the Peterson corporate success story. Their outstanding products and services further enhance Peterson's reputation for quality with customers around the globe.

Anderson Marine • www.amdlights.com

Quality innovations in boat lights, trailer lights, harnesses, and accessories for the marine industry.

Maxi-Seal Harness • www.maxisealharness.com

Custom-designed sealed harness systems for the light, medium, and heavy-duty truck and trailer industry.

Mission Plastics Arkansas/Mission Plastics North • www.missionplasticsnorth.com

Two companies molding the future in high-tech plastics for some of the world's leading companies.

D&D Aviation • www.kcac.com

Delivering the best in safe, convenient air charter services for corporate travel.

KCAC Aviation • www.kcac.com

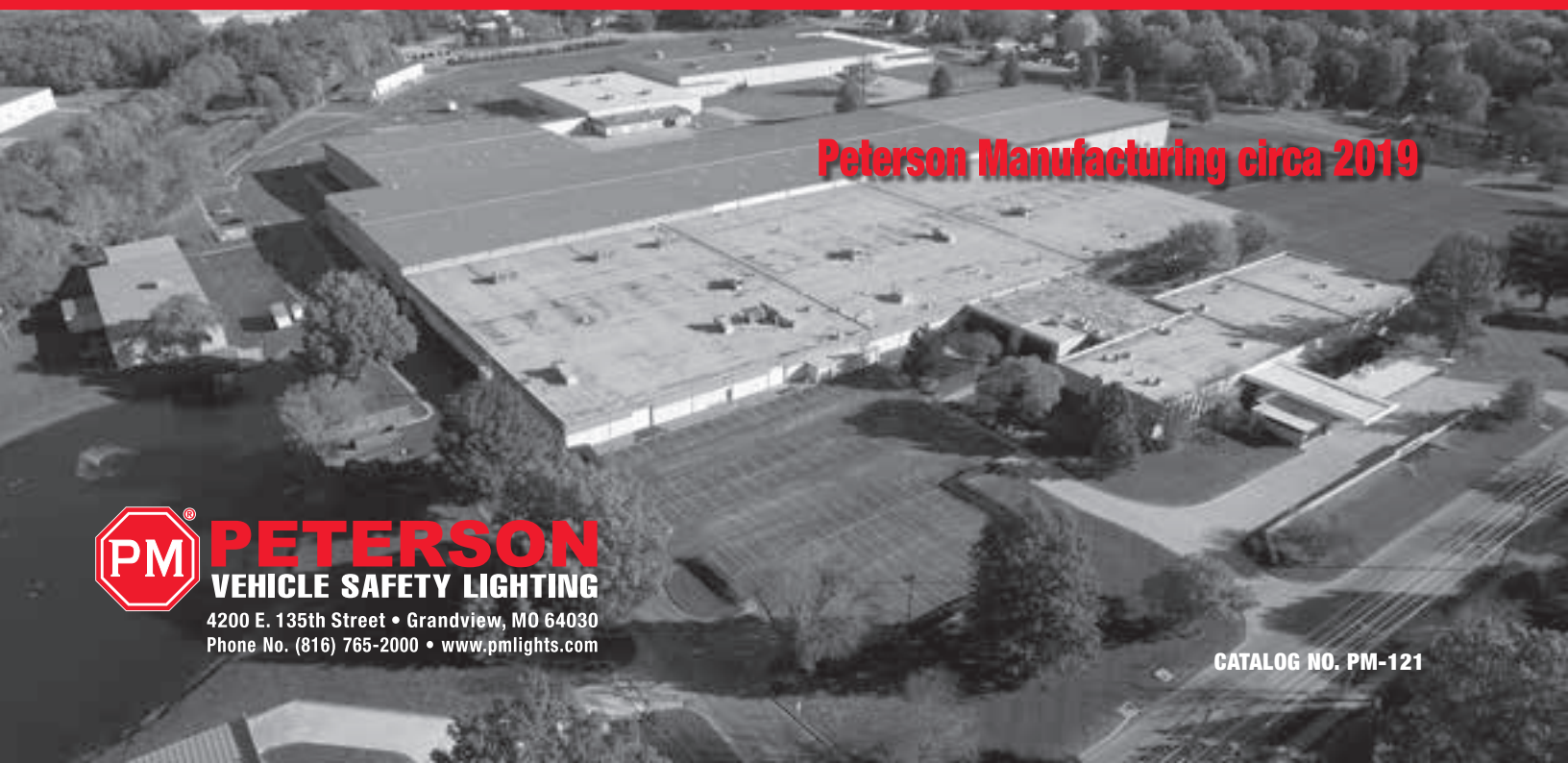
Offering all the amenities of a full-service fixed base operator (FBO), from aircraft sales and service to fuel, aircraft management, charters, and more. KCAC Aviation is located in Olathe, KS.

Transworld Products • www.twproducts.com

An international sourcing company providing product solutions for companies seeking global manufacturing.

Vector Tool & Engineering • www.vectortool.com

Linking specialized skills with advanced design technology to tool exacting solutions in on-site mold-building, tool repair, and alterations.



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