

PRORENFORT

SÉCURITÉ CAMION - AUTOMOBILE 2017-2018



**Systemes d'éclairage et accessoires de sécurité automobile
Vehicle Safety Lighting Systems & Accessories**

**SOLUTIONS EN MOUVEMENT.
SOLUTIONS ON THE MOVE.**

TECHNICAL REFERENCE

SAE CLASS RATINGS – BACK-UP ALARMS

Class	Sound Level	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 meet additional criteria relating to sound frequency, and resistance to rain, temperature, vibration & corrosion.
A	112 dB(A)	
B	107 dB(A)	
C	97 dB(A)	
D	87 dB(A)	
E	77 dB(A)	
F	Other	

SAE CLASS RATINGS – STROBES

Class	Intended Use	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 meet additional criteria relating to durability, and resistance to rain, temperature, vibration & corrosion.
1	Emergency Response	
2	Warning	
3	Identification	

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.

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

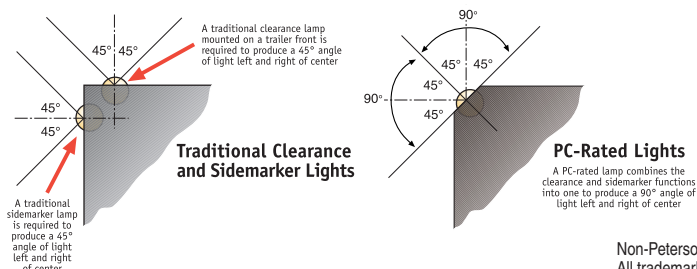
Wire Gauge Required for 10% Voltage Drop at 12 Volts

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

SAE LIGHTING IDENTIFICATION CODES

A	Reflex reflectors	K2	Rear cornering lamps
A2	Wide angle reflex reflectors	L	License plate lamps
C	Motorcycle auxiliary front lamps	M	Motorcycle and motor-driven cycle headlamps—motorcycle type
D	Motorcycle and motor-driven cycle turn signal lamps	N	Motorcycle and motor-driven cycle headlamps—motor-driven cycle type
E	Side turn signal lamps—vehicles 12 m or more in length	O	Spot lamps
E2	Side turn signal lamps—vehicles less than 12 m in length	P	Parking lamps
F	Front fog lamps	P2	Clearance, side marker and identification lamps
F2	Fog tail lamps	P3	Clearance, side marker and identification lamps for use on vehicles 2032 mm or more in overall width
G	Truck cargo lamps	PC	Combination clearance and side marker lamps
H	Sealed beam headlamps	PC2	Combination clearance and side marker lamps for vehicles 2032 mm or more in overall width
HG	Discharge forward lighting headlamps	Q	Turn signal operating units—Class A
HH	Sealed beam headlamp housings	QB	Turn signal operating units—Class B
HR	Replaceable bulb headlamps	QC	Vehicular hazard warning signal operating unit
I	Turn signal lamps	R	Backup lamps
I3	Turn signal lamps spaced from 75 mm to less than 100 mm from headlamp	S	Stop lamps
I4	Turn signal lamps spaced from 60 mm to less than 75 mm from headlamp	S2	Stop lamps for use on vehicles 2032 mm or more in overall width
I5	Turn signal lamps spaced less than 60 mm from headlamp	T	Tail lamps (rear position lamps)
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	T2	Tail lamps (rear position lamps) 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	U	Supplemental high-mounted stop and turn lamps
J590	Turn signal flashers	U2	Supplemental high-mounted stop and turn lamps for use on vehicles 2032 mm or more in overall width
J845	Warning devices for emergency, maintenance and service vehicles	U3	Center high-mounted stop lamps for passenger cars, light trucks and MPVs
J945	Hazard warning signal flasher—canceled July 1999	W	Warning lamps for emergency, maintenance and service vehicles
J1054	Warning Lamp alternating flasher	W2	Warning lamps for school buses
J1318	Warning lamps for emergency maintenance and service vehicles	W3	360-degree emergency warning lamps
J1690	Hazard warning signal flasher	W4	Emergency warning devices
K	Front cornering lamps	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

SAE PC RATING EXPLAINED



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



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

	Product is manufactured in the United States of America.
	Item is submersible and especially suitable for use on boat trailers and other vehicles used around water.
	One or more versions of this product are designed for use only with 12-volt or 24-volt systems.
	Denotes clearance/marker lights that are PC rated. <i>For additional information on the PC rating, see diagrams at bottom of opposite page.</i>
	Indicates that a light has integrated retro-reflector functionality that meets applicable legal requirements.
	One or more versions of this product are available with a quick-mount magnetic base.
 	Indicate that a product either meets ECE requirements only, or meets both ECE and U.S. DOT requirements.

FOR INCANDESCENT PRODUCTS

	Indicates the number of bulbs in each incandescent light equipped with multiple bulbs.
	Item is equipped with our long life VIBAR or VIBAR II shock-absorbing incandescent socket.
	One or more versions of this product are available with a quick-mount magnetic base.
	Indicates that an incandescent bulb is equipped with a premium bulb with a life rating of up to 15,000 hours.

FOR LED PRODUCTS

	Indicates the number of light emitting diodes in each LED light. Some related versions may have different diode counts.
	Product is part of our new LumenX® line of premium LED lights.
	An LED product equipped with integrated hardwired leads, eliminating corrosion-prone connection at light housing.
	LED warning light with high-intensity strobing diodes.
	LED product is multi-volt compatible for use with both 12V and 24V systems.
	Indicates a premium LED product with integrated voltage regulation circuitry for consistent output and long life.
	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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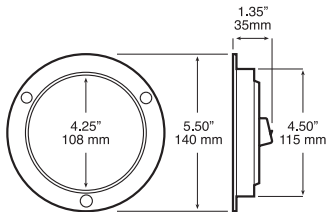
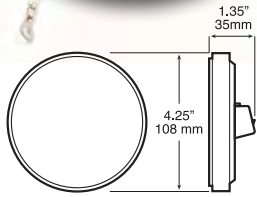
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NEW!



7
diodes

LumenX

MADE IN USA

12
12 Volt
Version

REG
Voltage
Regulated

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

- New white diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 9–16 volt operating range.
- Voltage regulation and over-voltage protection.
- 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.**

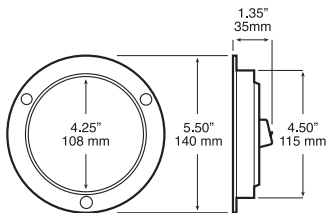
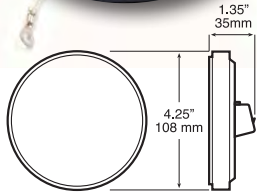
Order No.	Description	Pack	Std Carton
817KR-7	grommet mount kit	poly pack	6
818KR-7	flange mount kit	poly pack	6

824-7/826-7 LumenX® LED

- Similar to 817-7 / 818-7 but with industry-standard PL3 socket integrated into housing.

Order No.	Description	Pack	Std Carton
826R-7	grommet mount lamp	poly pack	6
824R-7	flange mount lamp	poly pack	6
426-18	grommet	poly pack	12
431-491	plug	poly pack	12

NEW!



9
diodes

LumenX

MADE IN USA

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

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

- New white diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- Voltage regulation and over-voltage protection.
- 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
817KR-9	grommet mount kit	poly pack	6
818KR-9	flange mount kit	poly pack	6

824-9/826-9 LumenX® LED

- Similar to 817-9 / 818-9 but with industry-standard PL3 socket integrated into housing.

Order No.	Description	Pack	Std Carton
826R-9	grommet mount lamp	poly pack	6
824R-9	flange mount lamp	poly pack	6
426-18	grommet	poly pack	12
431-491	plug	poly pack	12

NEW!



7
diodes

LumenX

MADE IN USA

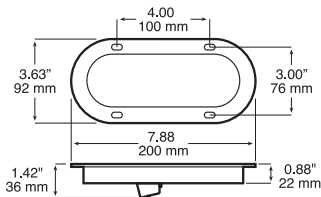
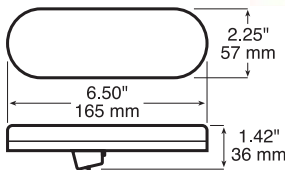
12
12 Volt
Version

REG
Voltage
Regulated

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

- New white diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 9–16 volt operating range.
- Voltage regulation and over-voltage protection.
- 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
820KR-7	grommet mount kit	poly pack	6
823KR-7	flange mount kit	poly pack	6



821-7/822-7 LumenX® LED

- Similar to 820-7 / 823-7 but with industry-standard PL3 socket integrated into housing.

Order No.	Description	Pack	Std Carton
821R-7	grommet mount lamp	poly pack	6
822R-7	flange mount lamp	poly pack	6
421-18	grommet	poly pack	12
421-491	plug	poly pack	12

NEW!



10
diodes

LumenX

MADE IN USA

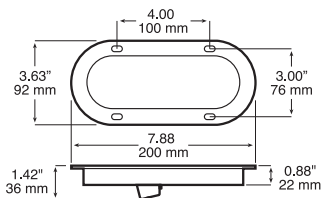
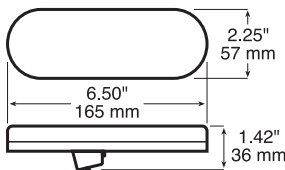
MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

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

- New white diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- Voltage regulation and over-voltage protection.
- 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
820KR-10	grommet mount kit	poly pack	6
823KR-10	flange mount kit	poly pack	6



821-10/822-10 LumenX® LED

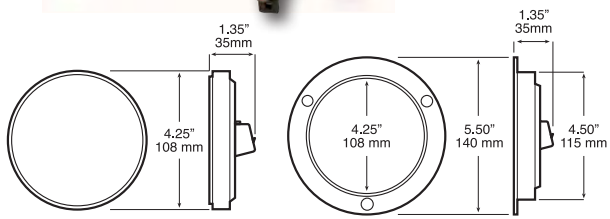
- Similar to 820-10 / 823-10 but with industry-standard PL3 socket integrated into housing.

Order No.	Description	Pack	Std Carton
821R-10	grommet mount lamp	poly pack	6
822R-10	flange mount lamp	poly pack	6
421-18	grommet	poly pack	12
421-491	plug	poly pack	12

NEW!

PATENT PENDING

LumenX[®]
I B L
TWO Lights In ONE!



7
diodes

LumenX[®]

MADE IN USA

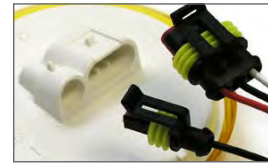
12
12 Volt
Version

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

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

- 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.
- integral AMP-compatible receptacles.
- Available in 9-16 volt or 9-32 (-MV) operating ranges.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- **883 kits include B880-49 and 417-49 plug.**
- **882 kits include B880-49 and 417-49 plug, plus 426-18 grommet.**

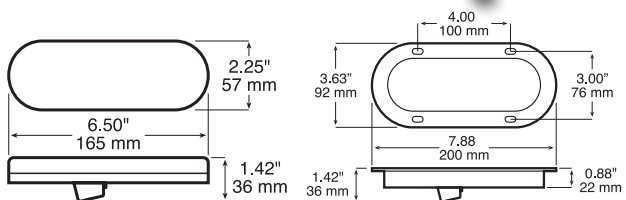


Order No.	Description	Pack	Std Carton
882K-7	grommet mount kit, 12 volt	poly pack	6
882K-7-MV	grommet mount kit, multi-volt	poly pack	6
883K-7	flange mount kit, 12 volt	poly pack	6
883K-7-MV	flange mount kit, multi-volt	poly pack	6

NEW!

PATENT PENDING

LumenX[®]
I B L
TWO Lights In ONE!



7
diodes

LumenX[®]

MADE IN USA

12
12 Volt
Version

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

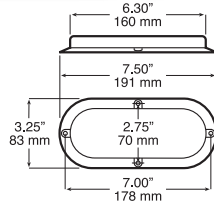
880-7/881-7 LumenX[®] LED Oval Combo Stop, Turn, Tail & Back-Up Light

- 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.
- integral AMP-compatible receptacles.
- Available in 9-16 volt or 9-32 (-MV) operating ranges.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- **881 kits include B880-49 and 417-49 plug.**
- **880 kits include B880-49 and 417-49 plug, plus 421-18 grommet.**



Order No.	Description	Pack	Std Carton
880K-7	grommet mount kit, 12 volt	poly pack	6
880K-7-MV	grommet mount kit, multi-volt	poly pack	6
881K-7	flange mount kit, 12 volt	poly pack	6
881K-7-MV	flange mount kit, multi-volt	poly pack	6

Accessory chrome bezel shown available separately



10 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

423-4 LED Surface Mount Oval Stop, Turn & Tail Light

- Meets FMVSS 108 requirements when mounted horizontally or vertically.
- 9-32 volt operating range.
- 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 available as accessory for manufacturer pack.

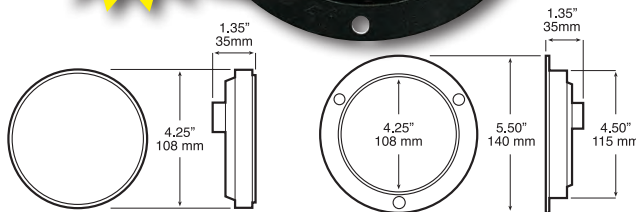


Order No.	Description	Pack	Std Carton
M423R-4	surface mount lamp	mfg. pack	50
B423-11	chrome bezel	mfg. pack	50

NEW!



High Count LEDs



36 diodes

MADE IN USA

12 Volt Version

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

- White diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 9-16 volt operating range.
- Reverse voltage protection prevents damage if mis-installed.
- Does not require "Top" positioning to meet FMVSS 108 standards.



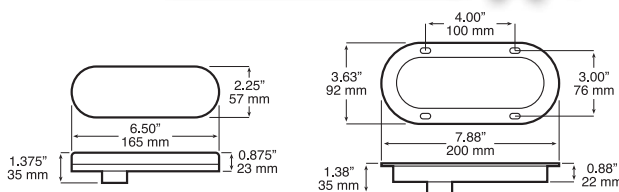
Order No.	Description	Pack	Std Carton
817R-36	grommet mount lamp	poly pack	6
818R-36	flange mount lamp	poly pack	6
M817R-36	grommet mount lamp	mfg. pack	50
M818R-36	flange mount lamp	mfg. pack	50
426-18	grommet	poly pack	12
817-49	hardshell plug, 3-wire	poly pack	12

NEW!



COMING SOON

High Count LEDs



22 diodes

MADE IN USA

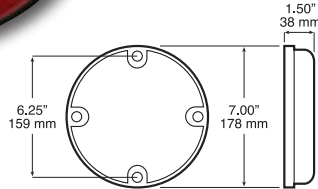
12 Volt Version

820/823 Piranha® LED Oval Stop, Turn & Tail Light

- Suitable for both over 80" and under 80" applications.
- White diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 9-16 volt operating range.
- Reverse voltage protection prevents damage if mis-installed.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.



Order No.	Description	Pack	Std Carton
820R-22	grommet mount lamp	poly pack	6
823R-22	flange mount lamp	poly pack	6
M820R-22	grommet mount lamp	mfg. pack	50
M823R-22	flange mount lamp	mfg. pack	50
421-18	grommet	poly pack	12
817-49	hardshell plug, 3-wire	poly pack	12



17
diodes

HARD WIRED

MV
Multi-Volt
12V & 24V

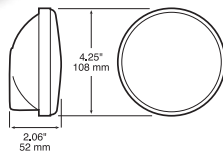
REG
Voltage
Regulated

INTEGRAL REFLEX REFLEX

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

- 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.

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



MADE IN USA

LED
LED Version
Available

12
12 Volt
Version

431 Sealed INCANDESCENT 4" Round Stop, Turn & Tail Light

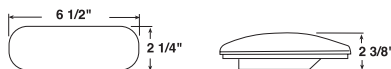
- Sealed, 4" round stop, turn, and tail light.
- Fully automated manufacturing process ensures consistent quality.
- Features extra wide, spin-welded, tongue-and-groove lens seal.
- High performance steel conductors reduce possibility of wire failure.
- Wedge-base socket prevents premature bulb failure.
- 431KR kit includes light, grommet and 431-491 straight plug.



Order No.	Description	Pack	Std Carton
431R	grommet mount lamp	poly pack	12
M431R	grommet mount lamp	mfg. pack	50
M431KR	grommet mount kit	mfg. pack	50
426-18	grommet	poly pack	12
431-491	plug	poly pack	12



421-491



MADE IN USA

LED
LED Version
Available

MARINE RECOMMENDED

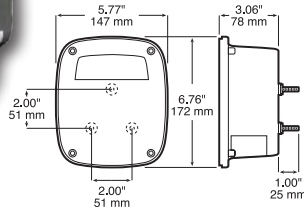
ECE & DOT

12
12 Volt
Version

421 Sealed INCANDESCENT Oval Stop/Turn/Tail Light

- 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 for both US and ECE applications.
- Polycarbonate lens is welded to housing to form single unit.
- Kits include light, grommet, and right-angle plug.
- Dual-filament, 2.1/.59 amp, 32/3 cp bulb.
- May be mounted in accessory 421-09 metal bracket with grommet.

Order No.	Description	Pack	Std Carton
421R	grommet mount lamp	poly pack	12
421KR	grommet mount kit	poly pack	12
M421R	grommet mount lamp	mfg. pack	48
M421KR	grommet mount kit	bag pack	48
421-18	grommet	poly pack	12
421-491	plug, right angle	poly pack	12
431-491	plug, straight	poly pack	12
421-09	mounting bracket	box	6



29/35
diodes

VIZ
PACK

HARD
WIRED

INTEGRAL
REFLEX
BEEFEX

12
12 Volt
Version

**845 LED
5/6 Function Rear Combination Light**

- 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

NEW!



6/7
diodes

VIZ
PACK

MADE IN
USA

HARD
WIRED

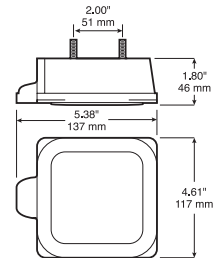
MARINE
RECOM-
MENDED

INTEGRAL
REFLEX
BEEFEX

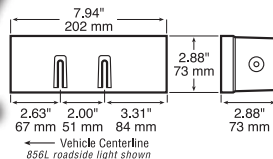
12
12 Volt
Version

**844/944 LED Low Profile
Over 80" Wide Combination Tail Light**

- Combination LED stop, turn and tail light.
- Fully sealed, submersible construction.
- Low profile, durable design.
- 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.
- 944 kit 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.



Order No.	Description	Pack	Std Carton
V844	without license light	Viz Pack	6
V844L	with license light	Viz Pack	6
V944	LED trailer light kit	Viz Pack	2



10/14
diodes

VIZ
PACK

HARD
WIRED

MARINE
RECOM-
MENDED

INTEGRAL
REFLEX
BEEFEX

12
12 Volt
Version

**856/947 LED
Over 80" Wide Combination Tail Light**

- 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.
- 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.

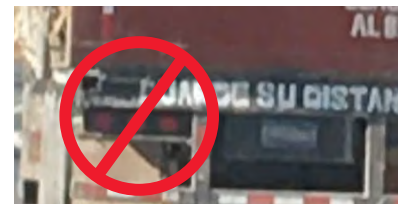
Order No.	Description	Pack	Std Carton
V856	without license light	Viz Pack	6
V856L	with license light	Viz Pack	6
V947	LED rear light kit	Viz Pack	4

Lighting INNOVATION for Trailers + Chassis

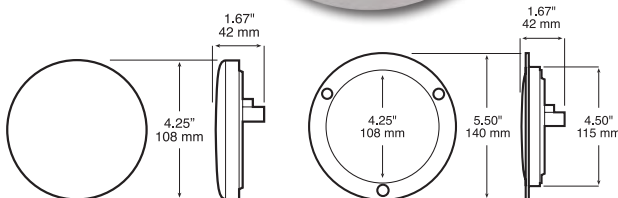
Available SINGLE-DIODE 12–24V multi-volt 4" Stop, Turn & Reverse Lights



- All the advantages of LEDs at more affordable prices!
- Reduce fleet maintenance costs compared w/ incandescent lights
 - » Less damage due to vibration & rough roads.
 - » Greater safety with high intensity of lights.
 - » Camouflage look reduces theft.
 - » Available for grommet mount or with rigid flange.
 - » Longer life of lamp - *GUARANTEED*.
 - » Does not require "Top" positioning to meet DOT



NEW!



1
diode

MADE IN USA

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

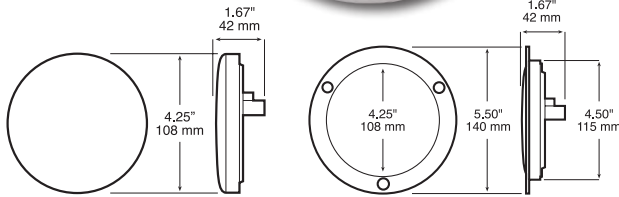
814/816 Single Diode LED 4" Round Stop, Turn & Tail Light

- Single diode LED light with traditional incandescent lens look.
- AMP-compatible connector integrated into housing.
- 9–32 volt operating range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 814R features gray housing with integral mounting flange.



Order No.	Description	Pack	Std Carton
816R-MV	grommet mount lamp, multi-volt	poly pack	6
814R-MV	flange mount lamp, multi-volt	poly pack	6
426-18	grommet	poly pack	12
431-491	plug	poly pack	12

NEW!



1
diode

MADE IN USA

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

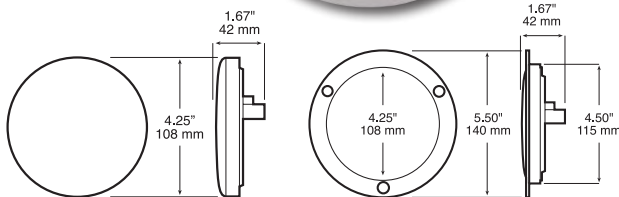
**824/826 Single Diode LED
4" Round Stop, Turn & Tail Light**

- 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 volt operating range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 824R features gray housing with integral mounting flange.



Order No.	Description	Pack	Std Carton
826R-MV	grommet mount lamp, multi-volt	poly pack	6
824R-MV	flange mount lamp, multi-volt	poly pack	6
426-18	grommet	poly pack	12
431-491	plug	poly pack	12

NEW!



1
diode

MADE IN USA

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

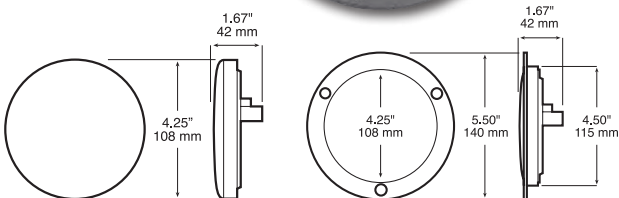
**824/826 Single Diode LED
4" Round Turn Signal**

- 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 volt operating range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 824A features gray housing with integral mounting flange.



Order No.	Description	Pack	Std Carton
826A-MV	grommet mount lamp, multi-volt	poly pack	6
824A-MV	flange mount lamp, multi-volt	poly pack	6
426-18	grommet	poly pack	12
431-491	plug	poly pack	12

NEW!



MADE IN USA

MV
Multi-Volt
12V & 24V

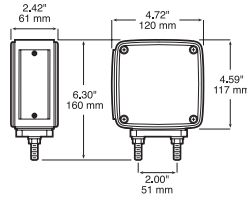
REG
Voltage
Regulated

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

- LED light with traditional incandescent lens look.
- Industry-standard PL3 socket integrated into housing with locking tabs for added plug retention.
- 9–32 volt operating range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 824C features gray housing with integral mounting flange.



Order No.	Description	Pack	Std Carton
826C-MV	grommet mount lamp, multi-volt	poly pack	6
824C-MV	flange mount lamp, multi-volt	poly pack	6
426-18	grommet	poly pack	12
431-49	plug	poly pack	12



50
diodes

VIZ
PACK

HARD
WIRED

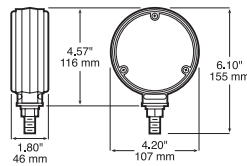
INTEGRAL
REFLEX
REFLEX

12
12 Volt
Version

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

- Has 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
V327L	amber/red, roadside lamp	Viz Pack	6
V327R	amber/red, curbside lamp	Viz Pack	6



48
diodes

VIZ
PACK

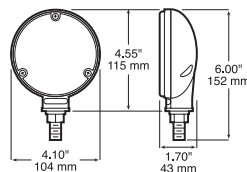
HARD
WIRED

12
12 Volt
Version

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

- 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 lamp	Viz Pack	6



24
diodes

VIZ
PACK

HARD
WIRED

12
12 Volt
Version

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

- 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.

Order No.	Description	Pack	Std Carton
V339A	amber lamp	Viz Pack	6
V339R	red lamp	Viz Pack	6



44
diodes

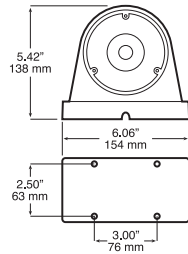
HARD
WIRED

12
12 Volt
Version

318 LED Double-Face Amber, Single-Face Red Agricultural Stop, Tail, Turn & Warning Light

- ASABE 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.
- Designed to be mounted to horizontal surfaces.

Order No.	Description	Pack	Std Carton
318L	roadside, stripped leads	mfg. pack	16
318R	curbside, stripped leads	mfg. pack	16



12
diodes

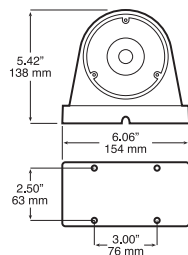
HARD
WIRED

12
12 Volt
Version

319 LED Agricultural Stop/Turn/Tail Light

- ASABE S279.17 compliant.
- Perfect for all agricultural applications.
- Single-sided red stop and tail light.
- Works with all 12-volt vehicles.
- Designed to be mounted to horizontal surfaces.

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



32
diodes

HARD
WIRED

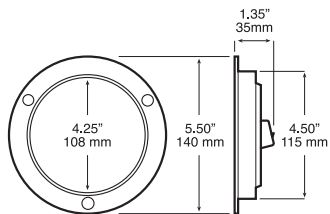
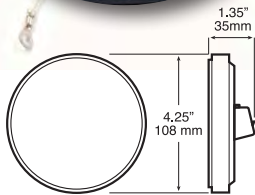
12
12 Volt
Version

319AA Two-Sided Agricultural Turn/Warning Light

- ASABE S279.17 compliant.
- Perfect for all agricultural applications.
- Double-sided amber light.
- Works with all 12-volt vehicles.
- Designed to be mounted to horizontal surfaces.

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

NEW!



7
diodes

LumenX

MADE IN USA

12
12 Volt
Version

REG
Voltage
Regulated

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

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- New white diodes and 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.
- 9-16 volt operating range.
- Voltage regulation and over-voltage protection.
- 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.**

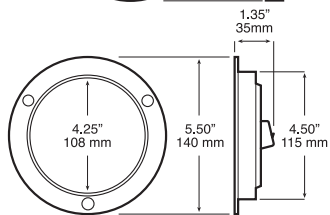
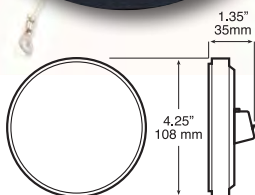
Order No.	Description	Pack	Std Carton
817KA-7	grommet mount kit	poly pack	6
818KA-7	flange mount kit	poly pack	6

824-7/826-7 LumenX® LED

- Similar to 817-7 / 818-7 but with **industry-standard PL3 socket** integrated into housing.

Order No.	Description	Pack	Std Carton
826A-7	grommet mount lamp	poly pack	6
824A-7	flange mount lamp	poly pack	6
426-18	grommet	poly pack	12
431-491	plug	poly pack	12

NEW!



9
diodes

LumenX

MADE IN USA

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

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

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- New white diodes and 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.
- Voltage regulation and over-voltage protection.
- 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.**

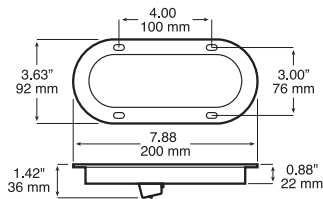
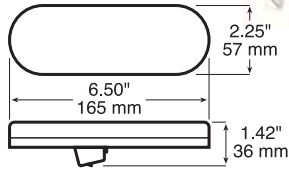
Order No.	Description	Pack	Std Carton
817KA-9	grommet mount kit	poly pack	6
818KA-9	flange mount kit	poly pack	6

824-9/826-9 LumenX® LED

- Similar to 817-9 / 818-9 but with **industry-standard PL3 socket** integrated into housing.

Order No.	Description	Pack	Std Carton
826A-9	grommet mount lamp	poly pack	6
824A-9	flange mount lamp	poly pack	6
426-18	grommet	poly pack	12
431-491	plug	poly pack	12

NEW!



7
diodes

LumenX

MADE IN USA

12
12 Volt
Version

REG
Voltage
Regulated

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

- Meets DOT standards for **FRONT** and **REAR** turn signals, and side marker.
- Includes both turn signal and low intensity marker light circuits.
- New white diodes behind advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 9–16 volt operating range.
- Voltage regulation and over-voltage protection.
- 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.**

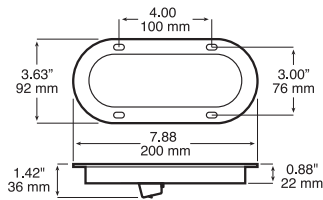
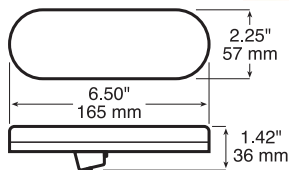
Order No.	Description	Pack	Std Carton
820KA-7	grommet mount kit	poly pack	6
823KA-7	flange mount kit	poly pack	6

821-7/822-7 LumenX® LED

- Similar to 820-7 / 823-7 but with industry-standard **PL3 socket** integrated into housing.

Order No.	Description	Pack	Std Carton
821A-7	grommet mount lamp	poly pack	6
822A-7	flange mount lamp	poly pack	6
421-18	grommet	poly pack	12
421-491	plug	poly pack	12

NEW!



10
diodes

LumenX

MADE IN USA

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

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

- New white diodes behind amber lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- Voltage regulation and over-voltage protection.
- 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
820KR-10	grommet mount kit	poly pack	6
823KR-10	flange mount kit	poly pack	6

821-10/822-10 LumenX® LED

- Similar to 820-10 / 823-10 but with industry-standard **PL3 socket** integrated into housing.

Order No.	Description	Pack	Std Carton
821A-10	grommet mount lamp	poly pack	6
822A-10	flange mount lamp	poly pack	6
421-18	grommet	poly pack	12
421-491	plug	poly pack	12

NEW!

High Count LEDs



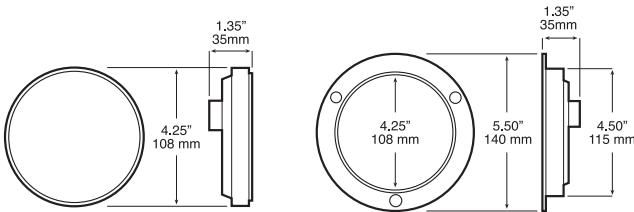
36
diodes

MADE IN USA

12
12 Volt Version

817/818 Piranha® LED 4" Round Front & Rear Turn Signal

- White diodes behind amber lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 9-16 volt operating range.
- Reverse voltage protection prevents damage if mis-installed.
- Does not require "Top" positioning to meet FMVSS 108 standards.



Order No.	Description	Pack	Std Carton
817A-36	grommet mount lamp	poly pack	6
818A-36	flange mount lamp	poly pack	6
M817A-36	grommet mount lamp	mfg. pack	50
M818A-36	flange mount lamp	mfg. pack	50
426-18	grommet	poly pack	12
817-49	hardshell plug, 3-wire	poly pack	12

NEW!

COMING SOON

High Count LEDs



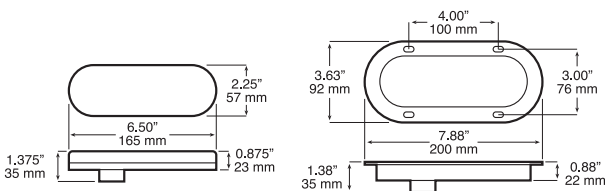
22
diodes

MADE IN USA

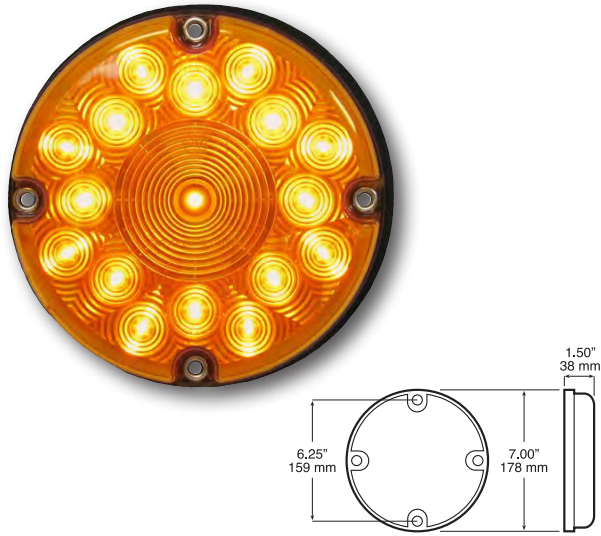
12
12 Volt Version

820/823 Piranha® LED Oval Front & Rear Turn Signal

- Suitable for both over 80" and under 80" applications.
- White diodes behind amber lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 9-16 volt operating range.
- Reverse voltage protection prevents damage if mis-installed.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.



Order No.	Description	Pack	Std Carton
820A-22	grommet mount lamp	poly pack	6
823A-22	flange mount lamp	poly pack	6
M820A-22	grommet mount lamp	mfg. pack	50
M823A-22	flange mount lamp	mfg. pack	50
421-18	grommet	poly pack	12
817-49	hardshell plug, 3-wire	poly pack	12



17
diodes

HARD
WIRED

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

717 LED
7" Transit Front & Rear Turn Signal

- 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.

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



MADE IN
USA

LED
LED Version
Available

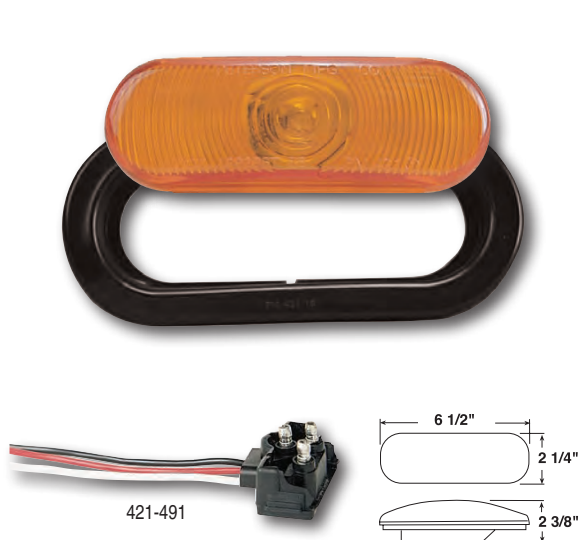
12
12 Volt
Version

431A Sealed INCANDESCENT
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.



Order No.	Description	Pack	Std Carton
431A	amber lamp	poly pack	12
M431A	amber lamp	mfg. pack	50
M431KA	amber kit	mfg. pack	50
426-18	grommet	poly pack	12
431-49	2-wire plug	poly pack	12
431-491	3-wire plug	poly pack	12



MADE IN
USA

LED
LED Version
Available

ECE
&
DOT

12
12 Volt
Version

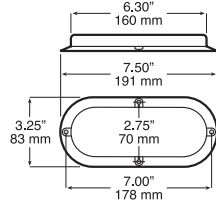
421 Sealed INCANDESCENT
Oval Turn Signal Light

- 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.



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

Accessory chrome bezel shown available separately



10
diodes

HARD WIRED

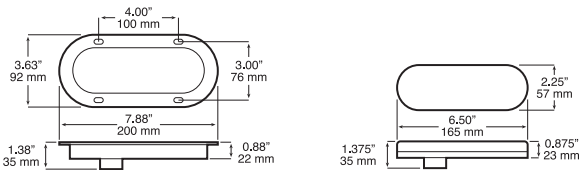
MV
Multi-Volt
12V & 24V

423A-4 LED Surface Mount Oval Auxiliary Turn Signal

- 9-32 volt operating range.
- Surface mounting for quick and versatile installation.
- Decorative snap-on chrome bezel available as accessory.
- Auxiliary use only. Not for use as a legally-required turn signal light.



Order No.	Description	Pack	Std Carton
M423A-4	surface mount lamp	mfg. pack	50
B423-11	accessory chrome bezel	box	6



35
diodes

MADE IN USA

HARD WIRED

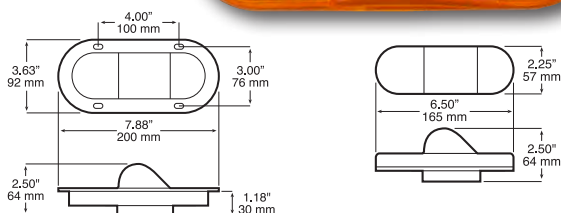
24
24 Volt
Version

12
12 Volt
Version

420Q/423Q LED Amber Sequential Aux/Mid-Turn/Marker Light

- Sequential arrow for auxiliary mid-turn signal or warning light applications.
- Cycles through multiple sequential arrows until fully illuminated.
- Hardwired design includes 3-wire molded adapter plug.
- 12 volt version 9-16 volt operating range. "-24V" denotes 24 volt version.
- Low light function is legal marker light.

Order No.	Description	Pack	Std Carton
420QA-P	amber grommet mt. lamp, 12 volt	poly pack	6
423QA-P	amber flange mount lamp, 12 volt	poly pack	6
423QA-P-24V	amber flange mount lamp, 24 volt	poly pack	6
421-18	grommet	poly pack	12



6
diodes

HARD WIRED

MV
Multi-Volt
12V & 24V

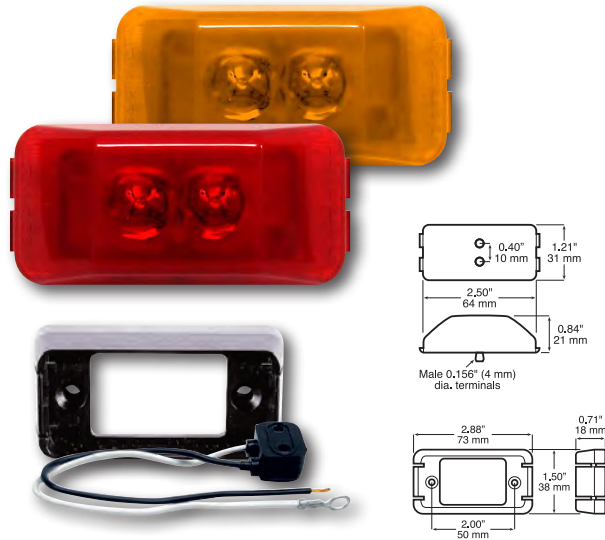
MADE IN USA

INTEGRAL REFLEX BEZEL

350 LED Oval Amber Auxiliary/Mid-Turn/Marker Light

- 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.

Order No.	Description	Pack	Std Carton
350A-P	amber grommet mt. lamp, multi-volt	poly pack	6
350AF	amber flange mount lamp, multi-volt	poly pack	6
421-18	grommet	poly pack	12



2/3
diodes

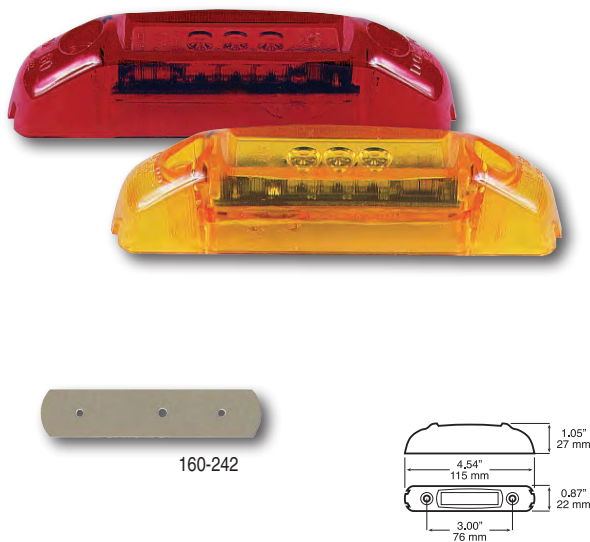
VIZ
PACK

12
Volt
Version

153 LED Clearance/Side Marker Light

- 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	amber kit, 12 volt	Viz Pack	6
V153KR	red kit, 12 volt	Viz Pack	6
150-095	black bracket	poly pack	12
B150-18	grommet	mfg. pack	100
153-49	plug	poly pack	12



2/3
diodes

VIZ
PACK

MADE IN
USA

12
Volt
Version

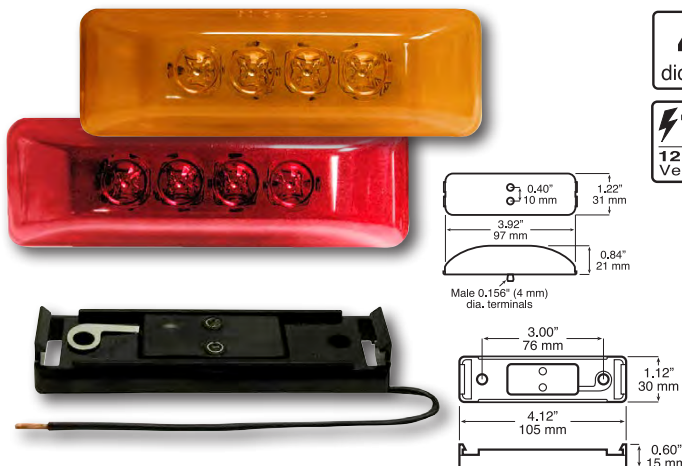
MV
Multi-Volt
12V & 24V

160 LED Thin-Line Clearance/Side Marker Light

- Mounts on industry standard 3" centers.
- Available in 9-16 volt or 9-32 volt operating ranges.
- Thin-line design that fits most narrow rail applications.
- DOT legal when mounted horizontally with up to 20° tilt back.
- Amber models meet ECE requirements.
- Viz-Pack kits include 160 LED light and 160-491 plug.
- See electrical accessories section for additional plug options.

Order No.	Description	Pack	Std Carton
V160KA	amber kit, 12V	Viz Pack	6
V160KR	red kit, 12V	Viz Pack	6
M160A	amber, 12V	mfg. pack	50
M160A-MV*	amber, multi-volt	mfg. pack	50
M160R	red, 12V	mfg. pack	50
M160R-MV*	red, multi-volt	mfg. pack	50
160-242	gasket	mfg. pack	100
B160-491	plug	mfg. pack	100

*Multi-volt versions available Fall 2017



4
diodes

12
Volt
Version

161 LED Clearance/Side Marker Light

- LED alternative to traditional 154-series incandescent lights.
- 9-16 volt operating range.
- Kits include light and 154-11K bracket with terminal pad.
- See accessories section for additional plug & mounting options.

Order No.	Description	Pack	Std Carton
161KA	amber kit, 12 volt	poly pack	12
161KR	red kit, 12 volt	poly pack	12
161A	amber lamp, 12 volt	poly pack	12
161R	red lamp, 12 volt	poly pack	12
154-11K	black bracket	poly pack	12



5
diodes

MADE IN USA

MV
Multi-Volt
12V & 24V

PC
rated

163 LED 2 1/2" PC-Rated Clearance & Side Marker Light

- Functions as both clearance and side marker light when mounted at a 45° angle.
- Accepts industry standard 2-prong plug.
- 9-32 volt operating range.
- Design does not require top mounting.
- **Kits include LED light, 143-18 grommet and 162-49 plug.**

Order No.	Description	Pack	Std Carton
163KA-MV	amber kit, grommet mount, multi-volt	poly pack	12
163KR-MV	red kit, grommet mount, 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
143-18	grommet	poly pack	24
162-49	plug	poly pack	12



5
diodes

MADE IN USA

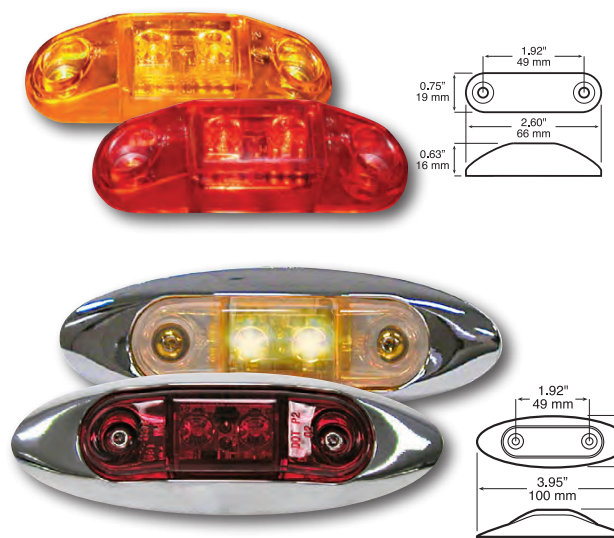
MV
Multi-Volt
12V & 24V

PC
rated

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

- Functions as both clearance and side marker light when mounted at a 45° angle.
- Accepts industry standard 2-prong plug.
- 9-13 volt operating range.
- Design does not require top mounting.
- **Kits include LED light, 146-18 grommet and 162-49 plug.**

Order No.	Description	Pack	Std Carton
165KA-MV	amber kit, grommet mount, multi-volt	poly pack	12
165KR-MV	red kit, grommet mount, 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
146-18	grommet	poly pack	24
162-49	plug	poly pack	12



2
diodes

HARD WIRED

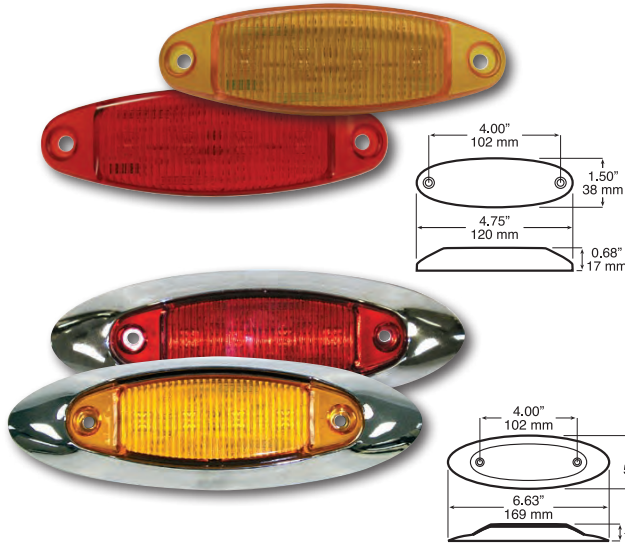
MV
Multi-Volt
12V & 24V

12
Volt
Version

168 LED Mini Clearance/Side Marker Light

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

Order No.	Description	Pack	Std Carton
168A	amber lamp, 12 volt	poly pack	12
168R	red lamp, 12 volt	poly pack	12
168XA-MV	amber mv kit w/ chrome bezel	poly pack	12
168XR-MV	red mv kit w/ chrome bezel	poly pack	12
M168A-MV	amber lamp, multi-volt	mfg. pack	50
M168R-MV	red lamp, multi-volt	mfg. pack	50
B168-09	black bracket	mfg. pack	100
B168-10	chrome bezel	mfg. pack	100
B168-18	mounting gasket	mfg. pack	100



4
diodes

HARD WIRED

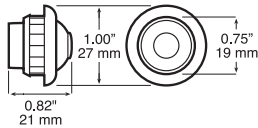
MV
Multi-Volt
12V & 24V

12
12 Volt
Version

178 LED Clearance/Side Marker Light

- Meets DOT requirements for clearance/side marker lights up to 20 degree tilt-back.
- 9-32 volt operating range.
- Hardwired design with stripped leads.
- Mounts on 4" centers.
- Eye-catching Class 8 look makes it a great retrofit choice.
- **Kits include light and B178-10 chrome bezel, also available separately.**

Order No.	Description	Pack	Std Carton
178XA-MV	amber mv kit w/ chrome bezel	poly pack	12
178XR-MV	red mv kit w/ chrome bezel	poly pack	12
M178A	amber lamp, 12 volt	mfg. pack	50
M178R	red lamp, 12 volt	mfg. pack	50
M178A-MV	amber lamp, multi-volt	mfg. pack	50
M178R-MV	red lamp, multi-volt	mfg. pack	50



1
diode

MADE IN USA

HARD WIRED

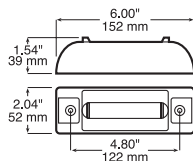
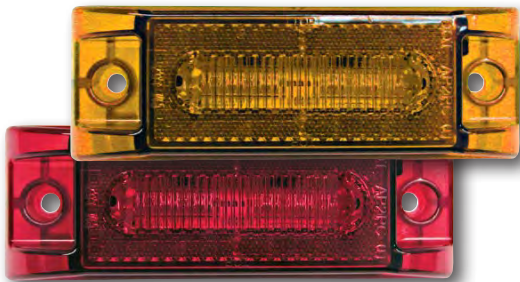
MV
Multi-Volt
12V & 24V

PC
rated

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

- Compact single diode design fits 3/4" 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.
- 9-32 volt operating range.
- Includes B177-18 mounting grommet.

Order No.	Description	Pack	Std Carton
181KA-MV	amber, stripped leads	poly pack	12
181KR-MV	red, stripped leads	poly pack	12
M181A-MV	amber, stripped leads	mfg. pack	50
M181R-MV	red, stripped leads	mfg. pack	50
M181A-MV-BT2	amber, .180 bullets	mfg. pack	50
M181R-MV-BT2	red, .180 bullets	mfg. pack	50



6
diodes

MADE IN USA

HARD WIRED

MV
Multi-Volt
12V & 24V

PC
rated

INTEGRAL REFLEX BEEFEX

187 LED PC-Rated Clearance & Side Marker Light

- 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.
- 9-32 volt operating range.

Order No.	Description	Pack	Std Carton
187A-MV	amber lamp, multi-volt	poly pack	12
187R-MV	red lamp, multi-volt	poly pack	12

NEW!



1
diode

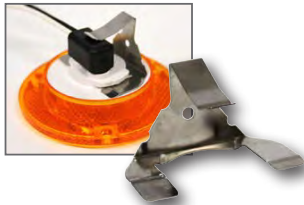
MADE IN USA

INTEGRAL REFLEX BEETEX

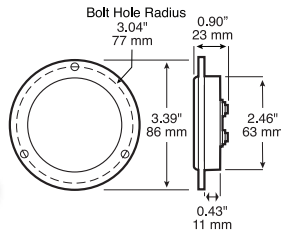
12 Volt Version

189 Single Diode LED 2 1/2" 1-Diode Clearance/Side Marker w/ Reflex

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



B162-093 retention clip



Order No.	Description	Pack	Std Carton
189FA	amber lamp, 12 volt	poly pack	12
189FR	red lamp, 12 volt	poly pack	12
B162-093	stainless plug retention clip	mfg. pack	100
162-49	PL10 plug	poly pack	12

NEW!



1
diode

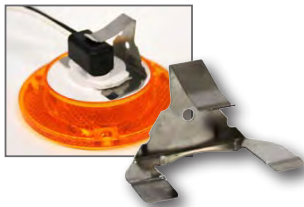
MADE IN USA

INTEGRAL REFLEX BEETEX

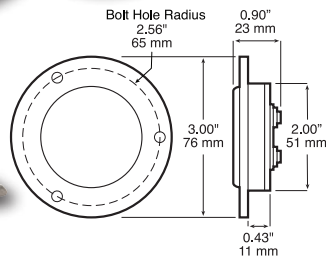
12 Volt Version

190 Single Diode LED 2" 1-Diode Clearance/Side Marker w/ Reflex

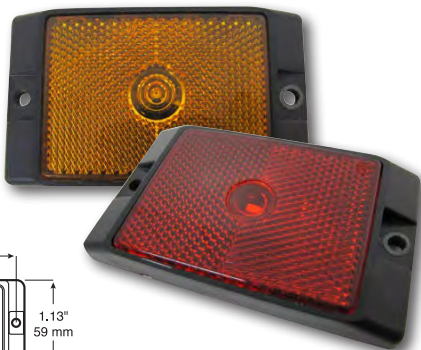
- 2" diameter LED light with traditional incandescent lens look.
- Popular for chassis applications.
- **Accepts industry standard PL10 2-wire plug.**
- DOT-legal integral reflex function.
- Fits metric size mounting holes.
- 9-16 voltage operating range.
- Protective gasket included.



B162-093 retention clip



Order No.	Description	Pack	Std Carton
190FA	amber lamp, 12 volt	poly pack	12
190FR	red lamp, 12 volt	poly pack	12
B162-093	stainless plug retention clip	mfg. pack	100
162-49	PL10 plug	poly pack	12



1
diode

VIZ PACK

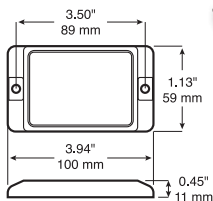
MADE IN USA

INTEGRAL REFLEX BEETEX

12 Volt Version

215 Single Diode LED Clearance/Side Marker Light w/ 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 lamp, 12 volt	Viz Pack	6
V215R	red lamp, 12 volt	Viz Pack	6

NEW!



1
diode

LumenX

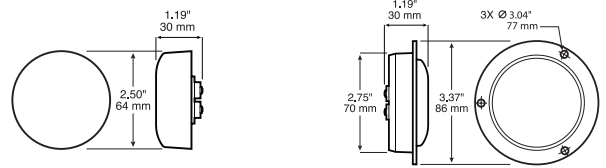
MADE IN USA

PC rated

12
12 Volt Version

197 Single Diode LumenX® LED 2 1/2" PC-Rated Clearance & Side Marker Light

- Single diode LED light with traditional incandescent lens look.
- Functions as both clearance and side marker light when mounted at a 45° angle.
- Single-diode design with white diode behind colored lens.
- Accepts industry standard PL10 2-wire plug.
- 9-16 volt operating range.
- -KA and -KR kits include 143-18 grommet and 162-49 plug.
- -KFA and -KFR kits include 162-49 plug.



Order No.	Description	Pack	Std Carton
197KA	amber, grommet kit	poly pack	12
197KR	red, grommet kit	poly pack	12
197KFA	amber, flange kit	poly pack	12
197KFR	red, flange kit	poly pack	12

NEW!



1
diode

LumenX

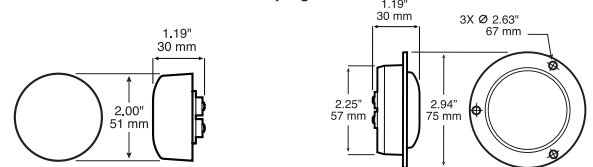
MADE IN USA

PC rated

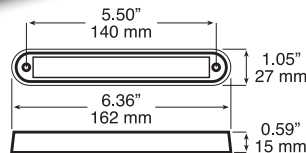
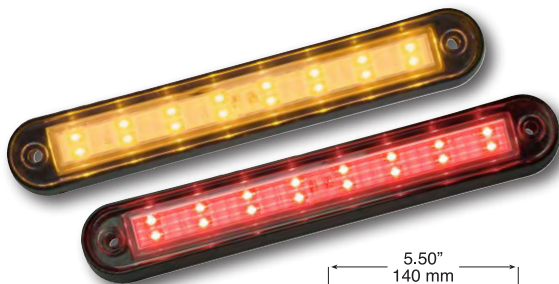
12
12 Volt Version

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

- Single diode LED light with traditional incandescent lens look.
- Round, 2" diameter.
- Single-diode design with white diode behind colored lens.
- Accepts either industry standard PL10 2-wire plug or AMP-style plug.
- 9-16 volt operating range.
- -KA and -KR kits include 146-18 grommet and 162-49 plug.
- -KFA and -KFR kits include 162-49 plug.



Order No.	Description	Pack	Std Carton
199KA	amber, grommet kit	poly pack	12
199KR	red, grommet kit	poly pack	12
199KFA	amber, flange kit	poly pack	12
199KFR	red, flange kit	poly pack	12



16
diodes

HARD WIRED

MV
Multi-Volt 12V & 24V

CLEAR LENS
COLORLED LIGHT

388 LED Clearance/Side Marker Light

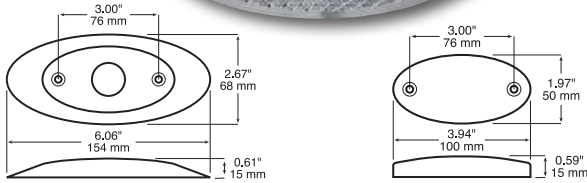
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Includes black bracket for surface mounting.
- Can be recess-mounted without bracket.
- Wires exit in center of light.
- Optional chrome bracket available separately.
- See page 31 for matching white and blue utility lights.



Optional 388-09X chrome bracket

Order No.	Description	Pack	Std Carton
388A	amber	poly pack	12
388R	red	poly pack	12
388-09X	chrome bracket	poly pack	12

Accessory chrome bezel shown available separately



2/3
diodes

HARD WIRED

MV
Multi-Volt
12V & 24V

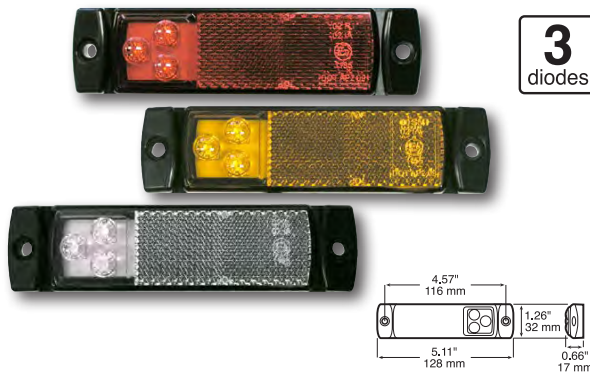
INTEGRAL REFLEX REFLEX

ECE EXPORT ONLY

1200 LED ECE Compliant Oval Side Marker / Outline Lights w/ Reflex

- 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.

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
1200-09X	chrome bezel	poly pack	12



3
diodes

INTEGRAL REFLEX REFLEX

HARD WIRED

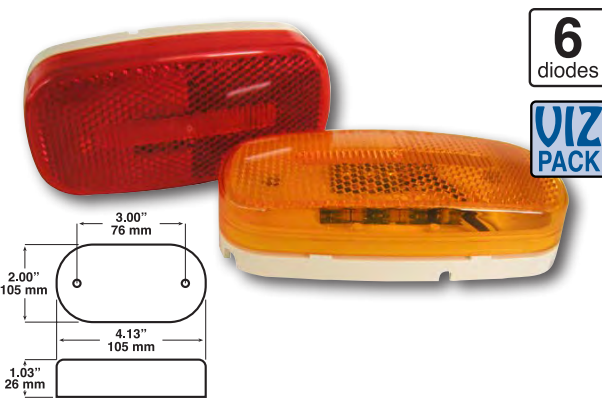
MV
Multi-Volt
12V & 24V

ECE & DOT

1203 LED ECE+DOT-Compliant Marker & Outline Lights w/Integral Reflex

- 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.
- 12" (300mm) sheathed leads.
- 9-32 volt operating range.

Order No.	Description	Pack	Std Carton
P1203A	amber lamp, multi-volt	poly pack	12
P1203C	white, multi-volt	poly pack	12
P1203R	red, multi-volt	poly pack	12



6
diodes

VIZ PACK

INTEGRAL REFLEX REFLEX

HARD WIRED

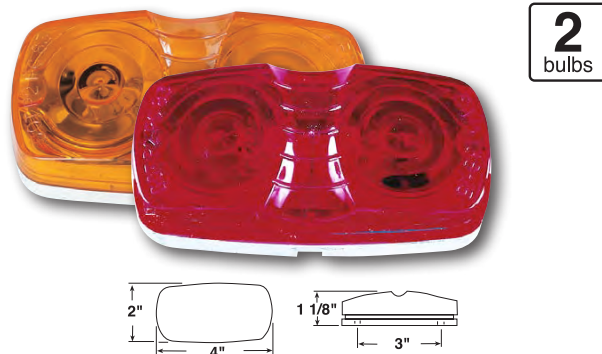
24
24 Volt Version

12
12 Volt Version

180 LED Clearance/Side Marker Light

- 6-diode oval design with with integral reflex function.
- 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 12 volt and 24 volt versions.

Order No.	Description	Pack	Std Carton
V180A	amber lamp, 12 volt	Viz Pack	3
V180R	red lamp, 12 volt	Viz Pack	3
M180A-24V	amber lamp, 24 volt	mfg. pack	50
M180R-24V	red lamp, 24 volt	mfg. pack	50



2
bulbs

MADE IN USA

LONG LIFE BULB

PC rated

12
12 Volt Version

138 INCANDESCENT PC-Rated Clearance/Side Marker Light

- "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.

Order No.	Description	Pack	Std Carton
138A	amber	poly pack	24
138R	red	poly pack	24



Order No.	Description	Pack	Std Carton
4741B	blue, 12 volt	mfg. pack	50
4741C	white, 12 volt	mfg. pack	50
4741G	green, 12 volt	mfg. pack	50
4741P	purple, 12 volt	mfg. pack	50
4741PK	pink, 12 volt	mfg. pack	50
4741T	teal, 12 volt	mfg. pack	50
4741Y	yellow, 12 volt	mfg. pack	50

1
diode

MADE IN USA

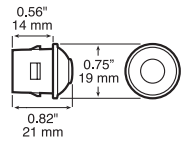
HARD WIRED

MV
Multi-Volt
12V & 24V

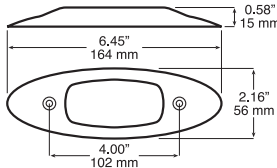
12
12 Volt
Version

4741 LED Multi-Color Accessory Light

- Compact LED light available in seven different colors.
- Fits 3/4" hole.
- 9-16 volt & 9-32 volt multi-volt versions available.
- Hardwired with two 8" wires.
- Requires compatible grommet or bracket.
- Not for exterior use on road-legal vehicles.



Order No.	Description	Pack	Std Carton
4741B-MV	blue, multi-volt	mfg. pack	50
4741C-MV	white, multi-volt	mfg. pack	50
4741G-MV	green, multi-volt	mfg. pack	50
4741P-MV	purple, multi-volt	mfg. pack	50
4741PK-MV	pink, multi-volt	mfg. pack	50
4741T-MV	teal, multi-volt	mfg. pack	50
4741Y-MV	yellow, multi-volt	mfg. pack	50
B177-18	rubber grommet	mfg. pack	100



Mirrored "stealth" look when unlit

HARD WIRED

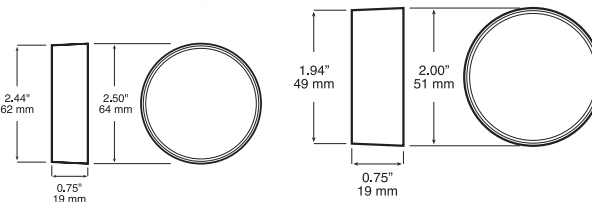
12
12 Volt
Version

179 LED Auxiliary Tunnel Lights™

- The ultimate accessory for trucks or trailers. 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 lamp, 12 volt	poly pack	12
179R	red lamp, 12 volt	poly pack	12



HARD WIRED

12
12 Volt
Version

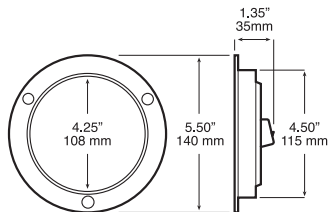
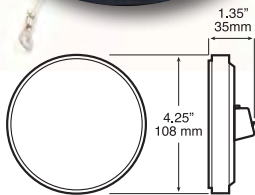
272/274 LED 2½ or 2" Round Auxiliary Tunnel Lights™

- Mirror look when off, 3D tunnel effect when on!
- For accessory use only, perfect for air cleaners, stainless skirts, headache racks, side rails, etc.
- Compatible with 2" and 2.5" chrome bezels, which attach to grommet.
- Reversible leads w/ .180 bullets color-coded to indicate lamp color.
- Compatible with all 12 volt systems.
- 3-year warranty.
- 272 kit includes 143-18 grommet.
- 274 kit includes 146-18 grommet.



Order No.	Description	Pack	Std Carton
272KA	amber 2.5" kit	poly pack	12
272KR	red 2.5" kit	poly pack	12
274KA	amber 2" kit	poly pack	12
274KR	red 2" kit	poly pack	12
V7007	2.5" chrome bezel	Viz Pack	24
V7005	2" chrome bezel	Viz Pack	24

NEW!



7
diodes

LumenX

MADE IN USA

12
12 Volt
Version

REG
Voltage
Regulated

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

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- AMP-compatible connector integrated into housing.
- 9–16 volt operating range.
- Voltage regulation and over-voltage protection.
- 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.**

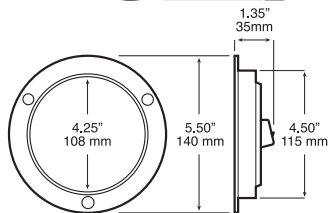
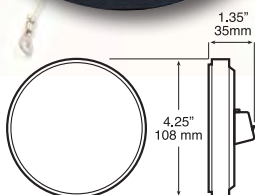
Order No.	Description	Pack	Std Carton
817KC-7	grommet mount kit	poly pack	6
818KC-7	flange mount kit	poly pack	6

824-7/826-7 LumenX® LED

- Similar to 817-7 / 818-7 but with industry-standard PL3 socket integrated into housing.

Order No.	Description	Pack	Std Carton
826C-7	grommet mount lamp	poly pack	6
824C-7	flange mount lamp	poly pack	6
426-18	grommet	poly pack	12
431-49	plug	poly pack	12

NEW!



9
diodes

LumenX

MADE IN USA

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

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

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- AMP-compatible connector integrated into housing.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Voltage regulation and over-voltage protection.
- 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.**

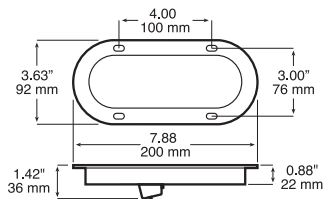
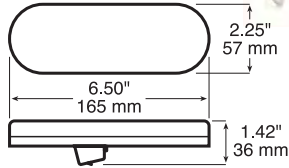
Order No.	Description	Pack	Std Carton
817KC-9	grommet mount kit	poly pack	6
818KC-9	flange mount kit	poly pack	6

824-9/826-9 LumenX® LED

- Similar to 817-9 / 818-9 but with industry-standard PL3 socket integrated into housing.

Order No.	Description	Pack	Std Carton
826C-9	grommet mount lamp	poly pack	6
824C-9	flange mount lamp	poly pack	6
426-18	grommet	poly pack	12
431-49	plug	poly pack	12

NEW!



7
diodes

LumenX

MADE IN USA

12
12 Volt
Version

REG
Voltage
Regulated

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

- A single light meets FMVSS 108 requirements when properly mounted.
- AMP-compatible connector integrated into housing.
- 9–16 volt operating range.
- Voltage regulation and over-voltage protection.
- 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.**

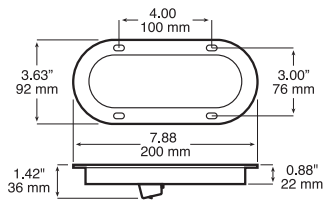
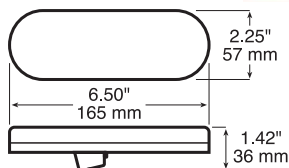
Order No.	Description	Pack	Std Carton
820KC-7	grommet mount kit	poly pack	6
823KC-7	flange mount kit	poly pack	6

821-7/822-7 LumenX® LED

- Similar to 820-7 / 823-7 but with industry-standard PL3 socket integrated into housing.

Order No.	Description	Pack	Std Carton
821C-7	grommet mount lamp	poly pack	6
822C-7	flange mount lamp	poly pack	6
421-18	grommet	poly pack	12
421-49	plug	poly pack	12

NEW!



10
diodes

LumenX

MADE IN USA

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

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

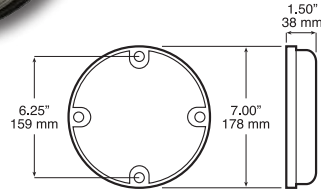
- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- AMP-compatible connector integrated into housing.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Voltage regulation and over-voltage protection.
- Meets FMVSS 108 requirements 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
820KC-10	grommet mount kit	poly pack	6
823KC-10	flange mount kit	poly pack	6

821-10/822-10 LumenX® LED

- Similar to 820-10 / 823-10 but with industry-standard PL3 socket integrated into housing.

Order No.	Description	Pack	Std Carton
821C-10	grommet mount lamp	poly pack	6
822C-10	flange mount lamp	poly pack	6
421-18	grommet	poly pack	12
421-49	plug	poly pack	12



20
diodes

HARD
WIRED

MV
Multi-Volt
12V & 24V

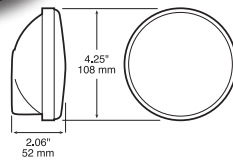
REG
Voltage
Regulated

**717C LED
7" Back-Up/Dome Light**



- 7-inch size is popular for bus and transit use, or as utility/dome light.
- Meets DOT requirements in any 360° orientation when used in pairs.
- 9–32 volt operating range.
- Hardwired leads are terminated with .180 male bullet and ring terminal for ground.

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



MADE IN
USA

LED
LED Version
Available

ECE
&
DOT

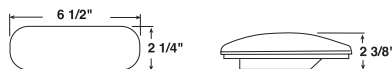
12
12 Volt
Version

**431 Sealed INCANDESCENT
4" Round Back-Up Light**

- Kits include light, grommet, and plug.
- Equipped with dual filament, 2.10 amp, 32 cp bulb.
- Can be used with 3-wire plug to provide accessory low-light function.
- Replaces Peterson 415 Series



Order No.	Description	Pack	Std Carton
M431C	grommet mount lamp	mfg. pack	50
M431KC	grommet mount kit	mfg. pack	50
426-18	grommet	poly pack	12
431-49	2-wire plug	poly pack	12
431-491	3-wire plug	poly pack	12



MADE IN
USA

ECE
&
DOT

12
12 Volt
Version

**416 Sealed INCANDESCENT
Oval Back-Up Light**

- Meets DOT requirement in either horizontal or vertical position.
- Polycarbonate lens welded to housing to form single unit.
- 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.
- May be mounted in accessory 421-09 metal bracket with grommet.

Order No.	Description	Pack	Std Carton
416K	grommet mount kit	poly pack	12
421-18	grommet	poly pack	12
421-49	2-wire right-angle plug	poly pack	12
421-491	3-wire right-angle plug	poly pack	12
421-09	mounting bracket	box	6



1
diode

153C LED Utility & License Light

HARD WIRED

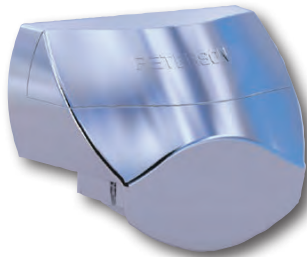
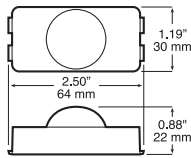
MV
Multi-Volt
12V & 24V

ECE & DOT

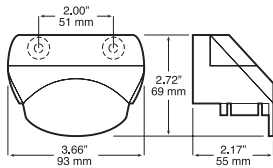
- Meets FMVSS 108 and ECE requirements.
- Also suitable for use as compartment or utility light.
- 9-32 volt operating range.
- 153C-142 kit includes M153C-MV and B150-142 bracket.
- 153C-143 kit includes M153C-MV and B150-143 bracket.
- M153C-MV is for use as a utility light without license plate bracket.



153C-142



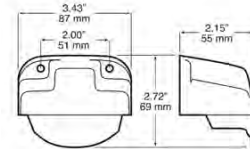
153C-143



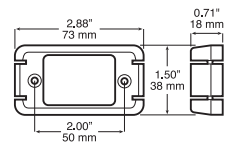
150-14 bracket



150-141 bracket



150-095 bracket



Order No.	Description	Pack	Std Carton
153C-142	white kit w/ black bracket	poly pack	6
153C-143	white kit w/ chrome bracket	poly pack	6
M153C-MV	white	mfg. pack	50
150-14	license light bracket, gray	poly pack	12
150-141	license light bracket, black	poly pack	12
150-095	surface-mount bracket	poly pack	12

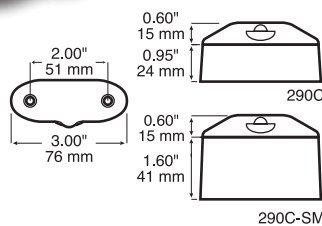
NEW!



290C



290C-SM



1
diode

290 Single Diode LED License & Utility Light

MADE IN USA

HARD WIRED

MV
Multi-Volt
12V & 24V

12 Volt Version

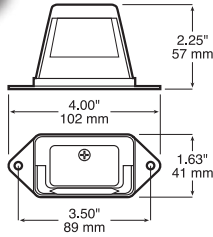
- Compact, efficient design.
- Advanced optics for bright, even illumination.
- Surface-mounts on 2" centers.
- Use 290C for DOT-legal license light mounted above license plate.
- Use 290C-SM for DOT-legal license light mounted to side of license plate.
- Both versions include proper spacer to meet legal license light regulations.
- Available with stripped leads or terminated with .180 bullets.
- 290C replaces Peterson 294C.



Order No.	Description	Pack	Std Carton
290C	top mount, stripped leads, 12 volt	poly pack	12
290C-MV	top mount, stripped leads, multi-volt	poly pack	12
290C-BT2	top mount, .180 bullets, 12 volt	poly pack	12
290C-SM	side mount, stripped leads, 12 volt	poly pack	12



296XC



2 diodes

VIZ PACK

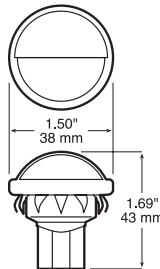
HARD WIRED

12 Volt Version

296 LED License Light

- Durable, low amp draw LED design
- Metal base & attractive chrome finish
- 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.

Order No.	Description	Pack	Std Carton
V296XC	chrome	Viz Pack	6



4 diodes

HARD WIRED

12 Volt Version

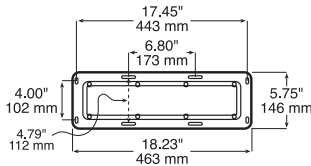
298 LED License & Utility Light

- 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
298C	chrome	poly pack	12



1200 Lumens



10 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

360 Great White® LED Rectangular Dome/Interior Light

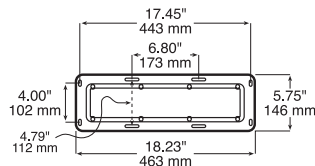


- LED dome and interior light is perfect for dry van trailer applications.
- Mounts flush; thin design extends only 0.86" below mounting surface.
- 9-32 volt operating range.
- Fully potted circuit board.
- Available with polycarbonate or aluminum housing.
- Hard-wired with dual 8" long, 14 ga. stripped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

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



1200 Lumens



10 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

MOTION ACTIVATED

365 Great White® LED Motion Sensing Dome/Int. Light



- 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

NEW!

PATENT PENDING



300 to 1,000 Lumens

4/6/12 diodes

MADE IN USA

HARD WIRED

MV Multi-Volt 12V & 24V

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

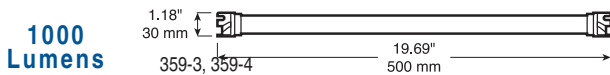
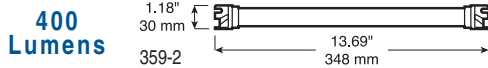
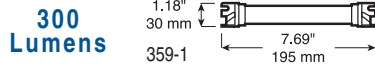


Mounts easily to horizontal or vertical surfaces, or fits in corners using either screws.



Scan with smartphone to learn more!

SEALED
Suitable for exterior use



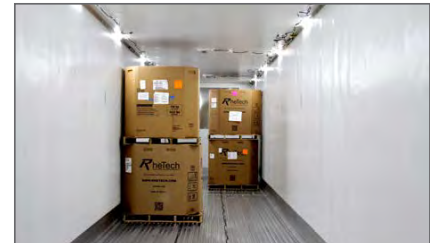
359 Great White® LED Dome/Interior Light



- 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.
- 3.5" lead wires are available stripped or terminated with .180 bullets.
- Integral molded seal resists dust, moisture and vapors.
- Accessory cove molding facilitates easy wiring for retrofits.



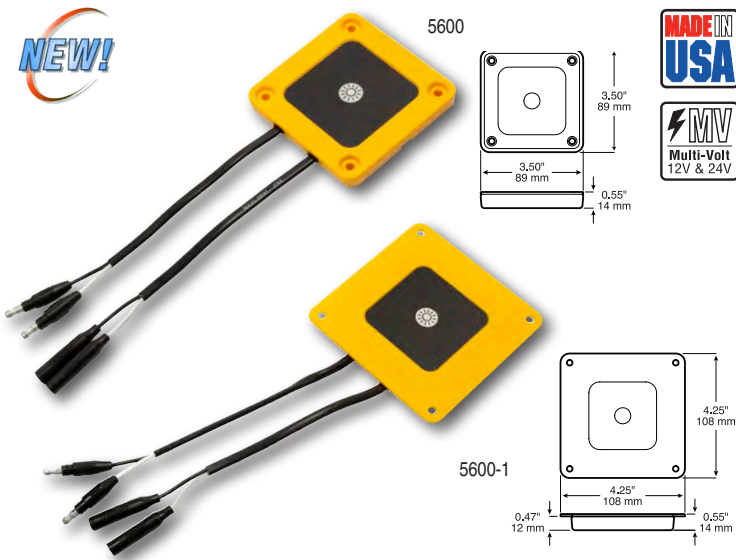
Engineering tests illustrate how ineffectively the traditional arrangement of recessed ceiling dome lights illuminate this 53' insulated reefer trailer.



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.

Order No.	Description	Lumens	Pack	Std Carton
359-1	6" long, stripped leads	300	poly pack	12
359-2	12" long, stripped leads	400	poly pack	12
359-3	18" long, stripped leads	1000	poly pack	12
M359-2-BT2	12" long, .180 bullets	400	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

NEW!

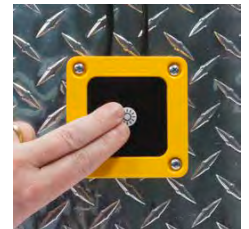


MADE IN USA

MV Multi-Volt 12V & 24V

5600 Timer Box Switch

- Designed for fused, 10 amp maximum load.
- Pre-programmed for 30 min. of ON time per button push.
- Additional time can be added at any time.
- 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.
- Available in surface mount and recessed mount versions.



Order No.	Description	Pack	Std Carton
P5600	surface mount	poly pack	12
P5600-1	recessed mount	poly pack	12

NEW!



12
Volt
Version

1
diode

MV
Multi-Volt
12V & 24V

MADE IN USA

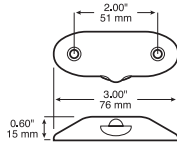
HARD WIRED

290 Single Diode LED Utility Light



- Compact, efficient design.
- Advanced optics for bright, even illumination.
- Surface-mounts on 2" centers.
- Hardwired design with stripped leads.

SEALED
Suitable for exterior use



Order No.	Description	Pack	Std Carton
290	top mount, stripped leads, 12 volt	poly pack	12
290-MV	top mount, stripped leads, multi-volt	poly pack	12

NEW!



400 Lumens

9
diodes

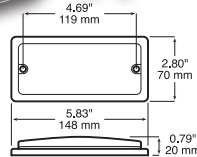
MADE IN USA

MV
Multi-Volt
12V & 24V

368 Great White® LED Dome/Interior Light



- 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.



Order No.	Description	Pack	Std Carton
368	white, stripped leads	poly pack	12

NEW!



400 Lumens

MV
Multi-Volt
12V & 24V

10
diodes

REG
Voltage Regulated

LumenX

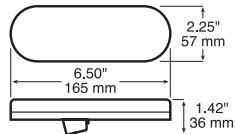
MADE IN USA

HARD WIRED

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

- Turns on and off with a simple touch of the lens surface.
- Low and high intensity functions.
- 400 lumen max output.
- 9-32 volt operating range is compatible with 12V and 24V systems.
- Mounts in grommet or surface-mount bracket, available in chrome or black finish.
- Hardwired design with stripped leads.

SEALED
Suitable for exterior use



Order No.	Description	Lumens	Pack	Std Carton
870W	oval, stripped leads	400	poly pack	6
421-18	grommet		poly pack	12
820-09	black oval surface-mount bracket		poly pack	12
820-10	chrome oval surface-mount bracket		poly pack	12

NEW!



400 Lumens

MV
Multi-Volt
12V & 24V

10
diodes

REG
Voltage Regulated

LumenX

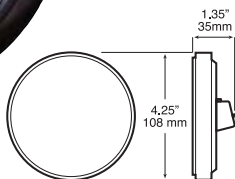
MADE IN USA

HARD WIRED

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

- Turns on and off with a simple touch of the lens surface.
- Low and high intensity functions.
- 400 lumen max output.
- 9-32 volt operating range is compatible with 12V and 24V systems.
- Mounts in grommet or surface-mount bracket, available in chrome or black finish.
- Hardwired design with stripped leads.

SEALED
Suitable for exterior use



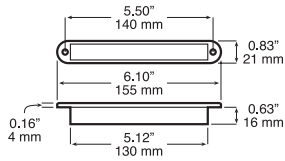
Order No.	Description	Lumens	Pack	Std Carton
872W	round, stripped leads	400	poly pack	6
426-18	grommet		poly pack	12
817-09	black oval surface-mount bracket		poly pack	12
817-10	chrome oval surface-mount bracket		poly pack	12



80 Lumens



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



16 diodes

HARD WIRED

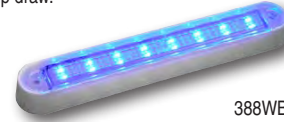
MV Multi-Volt 12V & 24V

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



- 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.
- Wires exit in center of light.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Low amp draw.

SEALED Suitable for exterior use



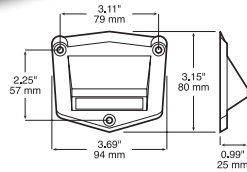
388WB

Order No.	Description	Pack	Std Carton
388C	white w/ black bracket	poly pack	12
388WB	blue w/ white bracket	poly pack	12
388-09X	chrome bracket	poly pack	12



125 Lumens

NEW UPDATED DESIGN



3 diodes

MADE IN USA

HARD WIRED

MV Multi-Volt 12V & 24V

397 LED Step Well Courtesy Light



- Meets ADA requirements for step well lighting.
- Low profile, hardwired design is 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.

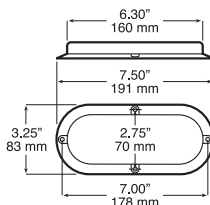


Order No.	Description	Pack	Std Carton
397C	black, stripped leads	poly pack	12



50 Lumens

SEALED Suitable for exterior use



10 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

423W-4 Great White® LED Surface Mount Dome & Utility Light



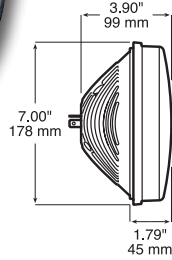
- Features 10 bright Great White® diodes behind clear lens.
- Sealed lens and housing.
- 9-32 volt operating range works with both 12V and 24V systems.
- Hardwired design.
- Easy surface mounting.
- Attractive accessory chrome bezel available.



Order No.	Description	Pack	Std Carton
M423W-4	white	mfg. pack	50
B423-11	chrome bezel	mfg. pack	50

7" Round

Snap this QR code with your cell phone to view 701C info online.



2 diodes

VIZ PACK

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

701C Great White® LED 7" PAR 56 Headlight



- 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 17–22 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).
- Patent pending.
- IP66 ingress rating.



Halogen



LED

These images show the difference between standard halogen sealed beams and Peterson's LED headlights. They were taken in the same vehicle, in the same spot, with the same exposure settings. The difference speaks for itself!

Low beam pattern shown.

Installed in 1997 Jeep Wrangler test vehicle without altering headlight aim.

Order No.	Description	Pack	Std Carton
V701C	high & low beam	Viz Pack	1
701-491	anti-flicker harness	poly pack	1



NEW!

4" x 6" Quad

4/6 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

702C/703C Great White® LED Rectangular Quad Headlights



- 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 cast alloy housing.
- UV & impact resistant, hard-coated polycarbonate lens.
- Vacuum metallized reflector.
- 700 (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.

*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.

Order No.	Description	Pack	Std Carton
702C	low beam	box	1
703C	high beam	box	1



**705C Great White® LED
5" x 7" Rectangular Headlight**



- High beam and low beam
- Rugged polycarbonate & aluminum housing w/ ED coating.
- Hardwired leads terminated w/standard H4 '3-blade' wiring connector.
- Durable polycarbonate scratch resistant lens.
- DOT legal: exceeds FMVSS 108 requirements
- Meets applicable SAE standards
- Direct replacement for 6052, 6053, 6054 and others.



COMING SOON

Order No.	Description	Pack	Std Carton
705C	high & low beam	box	1



19,300 Lumens



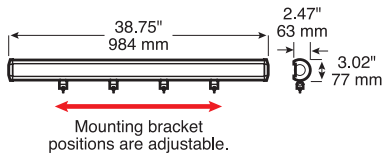
**930 Great White® LED
39" Rectangular Light Bar**



- 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.
- IP66 ingress protection rating.
- Deutsch connector provided, may be cut off for custom termination options.
- Includes all mounting hardware.



Industry standard Deutsch connector



Order No.	Description	Pack	Std Carton
930-MV	double row flood	box	1



13,300 Lumens



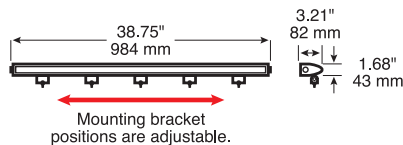
**931 Great White® LED
39" Rectangular Light Bar**



- 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.
- IP66 ingress protection rating.
- Deutsch connector provided, may be cut off for custom termination options.
- Includes all mounting hardware.



Industry standard Deutsch connector

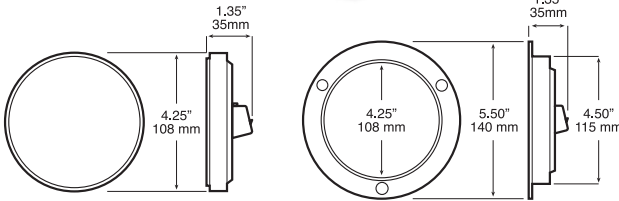


Order No.	Description	Pack	Std Carton
931-MV	single row flood	box	1

NEW!



**450
or 800
Lumens**



9
diodes

LumenX

MADE IN USA

REG
Voltage Regulated

MV
Multi-Volt 12V & 24V

12
12 Volt Version

800/817-9 LumenX® LED 4" Round Work/Interior Light

- Available in 450 lumen & 800 lumen versions.
- Flood pattern for broad illumination.
- Also suitable for dome or utility light.
- Voltage regulation and over-voltage protection.
- 817 series has 9-32 volt operating range. 800 series is compatible with 12 volt systems only.
- M800W-9 & M817W-9 require grommet or surface-mount bracket.
- M800WF-9 M818W-9 are equipped with integral mounting flange.

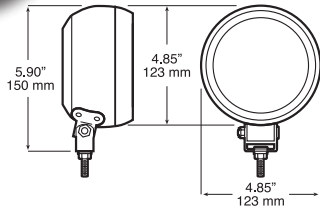


Order No.	Description	Pack	Std Carton
M800W-9	grommet mount, 800 lumens, 12 volt	mfg. pack	50
M800WF-9	flange mount, 800 lumens, 12 volt	mfg. pack	50
M817W-9	grommet mount, 450 lumens, multi-volt	mfg. pack	50
M818W-9	flange mount, 450 lumens, multi-volt	mfg. pack	50
417-1	surface mount bracket	mfg. pack	40
426-18	rubber grommet	poly pack	12
817-48	molded plug	poly pack	12

NEW!



**450
or 800
Lumens**



VIZ PACK

9
diodes

LumenX

MADE IN USA

REG
Voltage Regulated

MV
Multi-Volt 12V & 24V

12
12 Volt Version

907/908 LumenX® LED 4" Round Work Light

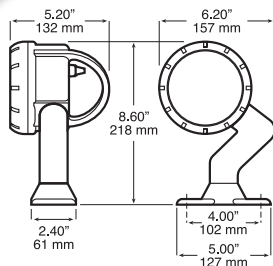
- Features light mounted in rubber housing.
- AMP-compatible receptacle provides the most reliable connection available.
- 9-16 volt operating range for V908, 907-MV is compatible with both 12V and 24V vehicles.
- High vibration resistance.
- Low amp draw.
- Two lead wires.

Order No.	Description	Pack	Std Carton
V908	rubber housing, 800 lumens, 12 volt	Viz Pack	6
M907-MV	rubber housing, 450 lumens, multi-volt	mfg. pack	24

NEW!



**450
or 800
Lumens**



9
diodes

LumenX

MADE IN USA

REG
Voltage Regulated

MV
Multi-Volt 12V & 24V

12
12 Volt Version

916/918 LumenX® LED Swiveling Work Light

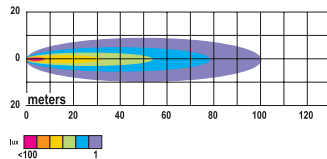
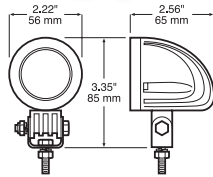
- Features light mounted in rugged, cast aluminum housing
- Mounting arm features two separate 360° swivel joints that allow light to be pointed in any direction.
- High vibration resistance.
- Low amp draw.
- 9-32 volt operating range.
- Durable, attractive gray powder-coat finish.
- Convenient push-button switch.

Order No.	Description	Pack	Std Carton
916S	swivel housing, 450 lumens, multi-volt	box	1
918S	swivel housing, 800 lumens, 12 volt	box	1

NEW!



700 Lumens



1
diode

VIZ
PACK

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

901 Great White® LED 2" Round Mini Work Light



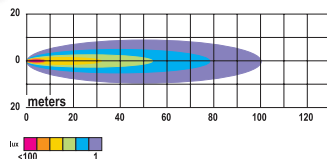
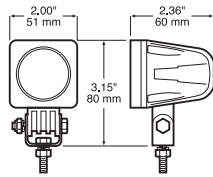
- High-output single white diode for a bright, narrow spot beam pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24-volt systems.
- 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.

Order No.	Description	Pack	Std Carton
V901-MV	round	Viz-Pack	4

NEW!



700 Lumens



1
diode

VIZ
PACK

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

902 Great White® LED 2" x 2" Square Mini Work Light



- High-output single white diode for a bright, narrow spot beam pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Removable bracket fits mounting slots on all four sides.
- Multiple 902 lights can be gang-mounted using included hardware.
- 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.

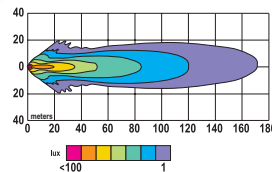
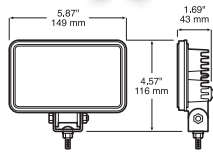
Includes hardware to gang-mount multiple 902 lights

Order No.	Description	Pack	Std Carton
V902-MV	square	Viz-Pack	4

NEW!



2000 Lumens



8
diodes

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

903 Great White® LED 3" x 5" Rectangular Work Light



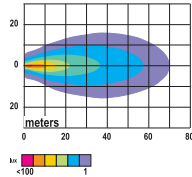
- High-output Great White® diodes for a bright, even flood pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24-volt systems.
- 10–32 VDC operating range.
- Reverse voltage protection.
- Draws 2.65A @ 12V, 1.0A @ 24V.
- 2-Conductor black PVC jacketed harness 18 GA GPT.
- IP67 rated.
- Stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
903-MV	rectangular	box	1

NEW!



700 Lumens



4
diodes

VIZ
PACK

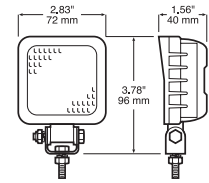
MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

**904 Great White® LED
3" x 3" Square Work Light**



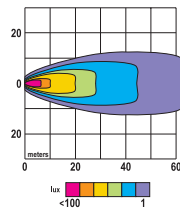
- High-output Great White® diodes for a bright, even flood pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24-volt systems.
- 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.
- EMC approval R10 and R23.
- IP67 rated.
- Stainless steel mounting hardware.



Order No.	Description	Pack	Std Carton
V904-MV	square	Viz-Pack	4



1400 Lumens



6
diodes

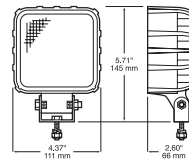
MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

**909-MV LED
Pedestal-Mount Work Light**



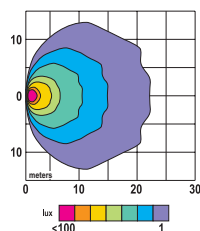
- Flood beam pattern.
- Die-cast aluminum housing with matte black finish.
- Polycarbonate lens.
- High vibration resistance and low amp draw
- Stainless steel mounting hardware.
- 10-70 VDC operating range.
- 1.6 amp current draw at 12.8 VDC.
- Comes complete with stainless steel mounting hardware.



Order No.	Description	Pack	Std Carton
909-MV	square	box	1



1350 Lumens



9
diodes

VIZ
PACK

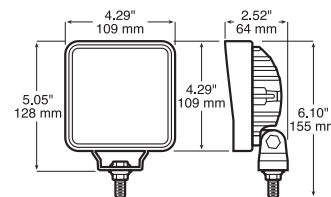
MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

**910 LED
Pedestal-Mount Work Light**



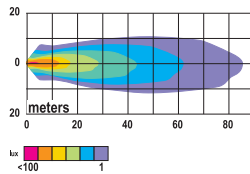
- High-output Great White® diodes for a bright, even, flood pattern.
- Die-cast aluminum body with cooling fins for durability and longevity.
- High vibration resistance and low amp draw.
- 9–32 volt operating range.
- Draws 1.29A @ 12V, 0.64V @ 24V.
- Comes complete with stainless steel mounting hardware.



Order No.	Description	Pack	Std Carton
V910-MV	square	Viz-Pack	2



1000 Lumens



6
diodes

VIZ
PACK

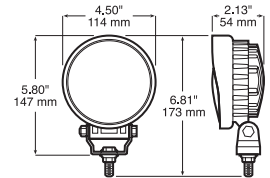
MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

911 LED Pedestal-Mount Work Light



- High-output Great White® diodes for a bright, even, round pattern.
- Die-cast aluminum body with cooling fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24 volt systems.
- Draws 1.73A @ 12V, 0.83A @ 24V.
- Comes complete with stainless steel mounting hardware.

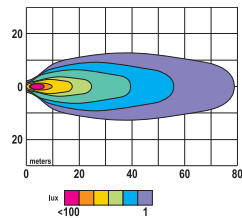


Order No.	Description	Pack	Std Carton
V911-MV	round	Viz Pack	6

NEW!



900 Lumens



4
diodes

VIZ
PACK

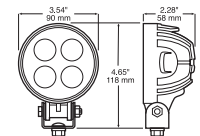
MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

912 Great White® LED 3" Round Work Light



- High-output Great White® diodes for a 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.
- 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.

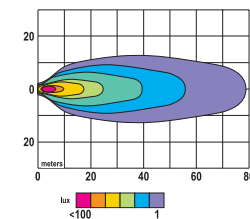


Order No.	Description	Pack	Std Carton
V912-MV	round	Viz Pack	4

NEW!



900 Lumens



4
diodes

VIZ
PACK

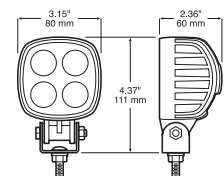
MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

913 Great White® LED 3" x 3" Compact Work Light



- High-output Great White® diodes for a 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.
- 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.
- ECE E9 10R-04 6881
- IP67 rated.
- Stainless steel mounting hardware.

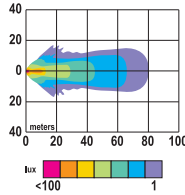


Order No.	Description	Pack	Std Carton
V913-MV	square	Viz-Pack	4

NEW!



1800 Lumens



12
diodes

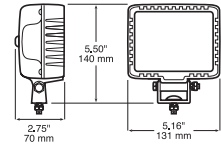
MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

**914S Great White® LED
4" x 5" Work Light w/ Switch**



- High-output Great White® diodes for a bright, even flood pattern.
- Weather-sealed, integrated push-on/push-off switch.
- 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.
- 10–33 VDC operating range is compatible with 12 & 24-volt systems.
- Reverse voltage protection.
- Draws 1.6A @ 12V, 0.8A @ 24V.
- 2-Conductor black PVC jacketed harness 20 GA GPT.
- Color temperature: 6000k.
- CE Certified
- IP67 rated.
- Stainless steel mounting hardware.

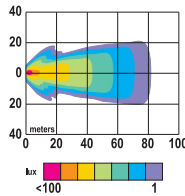


Order No.	Description	Pack	Std Carton
914S-MV	rectangular w/ switch	box	1

NEW!



3600 Lumens



24
diodes

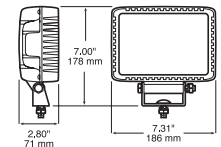
MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

**915 Great White® LED
5" x 7" Rectangular Work Light**



- High-output Great White® diodes for a 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.
- 10–33 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 20 GA GPT.
- Color temperature: 6000k.
- CE Certified
- IP67 Rated.
- Stainless steel mounting hardware.

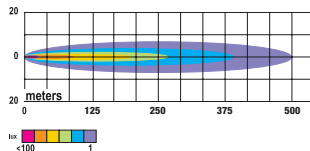


Order No.	Description	Pack	Std Carton
915-MV	rectangular	box	1

NEW!



2800 Lumens



4
diodes

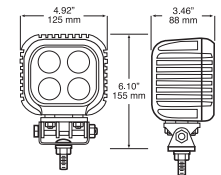
MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

**917 Great White® LED
4" x 4" Square Work Light**



- High-output Great White® diodes for a bright, even spot pattern.
- Die-cast aluminum body with matte black finish.
- Shock-resistant mounting pads.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24-volt systems.
- 9–40 VDC operating range.
- Reverse voltage protection.
- Draws 2.35A @ 12V.
- 2-Conductor black PVC jacketed harness 20 GA GPT.
- Color temperature: 6500k.
- IP68 Rated.
- Stainless steel mounting hardware.



Order No.	Description	Pack	Std Carton
917-MV	square	box	1



Fits rubber grommet or surface-mount bracket



1217G-R LED
Traffic Indicator / Loading Dock Light

- 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.
- Requires 426-18 grommet or 417-1 bracket for installation.



One lamp with LEDs light up both **RED & GREEN**

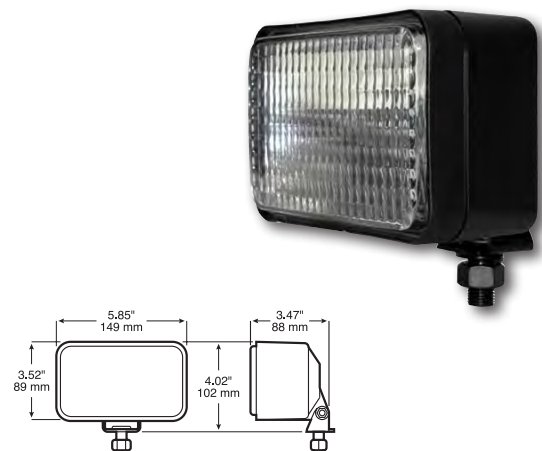
Order No.	Description	Pack	Std Carton
1217G-R	red/green bi-color	box	30
417-1	surface mount bracket	mfg. pack	40
426-18	grommet	poly pack	12



502 HALOGEN
3" x 5" Tractor / Utility Light

- 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.

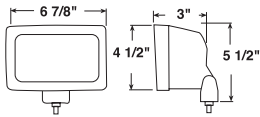
Order No.	Description	Pack	Std Carton
V502HF	flood	Viz Pack	3
V502HT	trapezoid	Viz Pack	3



503 HALOGEN
3" x 5" Tractor & Work Light

- 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.

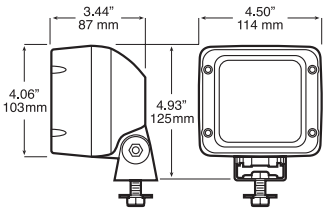
Order No.	Description	Pack	Std Carton
V503HF	flood	Viz Pack	3
V503HT	trapezoid	Viz Pack	3



504 HALOGEN
4" x 6" Tractor/Work Light

- 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.

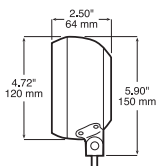
Order No.	Description	Pack	Std Carton
V504HF	flood	Viz Pack	3
V504HT	trapezoid	Viz Pack	3



506 HALOGEN
Square Lens Flood Light

- Heavy-duty lamp with 3" x 3" lens.
- Wide, even flood pattern.
- Replaceable 55W H3 halogen bulb.
- 1250 lumens, 120,000 candlepower.
- Corrosion-resistant glass-filled nylon housing.
- Includes E-coated mounting hardware.
- Two-wire electrical connection

Order No.	Description	Pack	Std Carton
V506	flood	Viz Pack	3



507 HALOGEN
PAR 36 Rubber Tractor Light

- 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.
- 5/16" mounting stud & adjustable zinc-plated bracket for mounting in any position.
- Accepts standard 4411 (trap. 12V), 4511 (trap. 6V), H7610 (halogen trap.) or H7614 (halogen flood) bulb.

Order No.	Description	Pack	Std Carton
V507	trapezoid	Viz Pack	3
V507F	flood	Viz Pack	6
507	trapezoid	poly pack	12
507F	flood	poly pack	12



6 diodes

HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

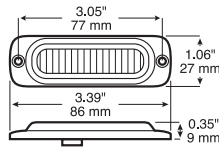
CLEAR LENS COLORED LIGHT

4153SA/4154SA LED Compact Programmable Amber Strobe

- Meets SAE J845 Class 1
- 6 super bright diodes.
- 12-24 volt operating range.
- 19 programmable flash patterns
- Solid-state design.
- 4153SA features convenient screw-on surface mounting and includes foam base gasket.
- 4154SA comes complete with adjustable, clamp-on/adhesive mounting bracket.
- All mounting hardware included.

Order No.	Description	Pack	Std Carton
P4153SA	amber, surface mount	poly pack	6
P4154SA	amber, bracket mount	poly pack	6

NEW!
PROGRAMMABLE!



3 diodes

HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

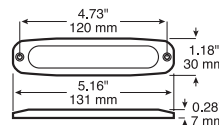
CLEAR LENS COLORED LIGHT

4155SA LED Low-Profile Surface-Mount Amber Strobe

- Meets SAE J845 Class 1
- Low-profile LED amber warning strobe.
- Screw mounts on 3-inch centers.
- 12 programmable flash patterns.
- 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	6

NEW!
PROGRAMMABLE!



6 diodes

HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE & DOT

CLEAR LENS COLORED LIGHT

4156SA LED Surface-Mount Amber Strobe Pad

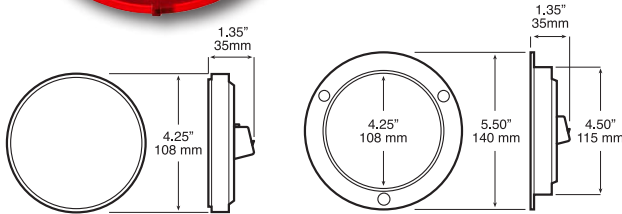
- Meets SAE J595 Class 1 & ECE Reg 10.
- Low-profile LED amber warning strobe with pad mount.
- Mounts using screws and high-strength self-adhesive backing (both included).
- 23 programmable flash patterns.
- 6 super bright diodes.
- Compatible with 12VDC and 24VDC systems.
- Aluminum base for heat dissipation.
- Multiple units can synchronize for simultaneous or alternating flash.

Order No.	Description	Pack	Std Carton
P4156SA	surface mount	poly pack	6

NEW!



**QUAD
FLASH**



- 9** diodes
- LumenX**
- MADE IN USA**
- LED Strobe**
- MV** Multi-Volt 12V & 24V
- REG** Voltage Regulated

817S/818S LumenX® LED Auxiliary Round Strobing Lights

- **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.
- Voltage regulation and over-voltage protection.
- 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.

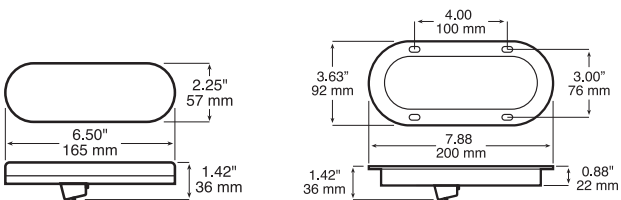


Order No.	Description	Pack	Std Carton
817SA-9	amber, grommet	poly pack	6
818SA-9	amber, flange	poly pack	6
817SR-9	red, grommet	poly pack	6
818SR-9	red, flange	poly pack	6
817SW-9	white, grommet	poly pack	6
818SW-9	white, flange	poly pack	6
426-18	grommet	poly pack	12
817-48	hardshell plug, 2-wire	poly pack	12

NEW!



**QUAD
FLASH**



- 10** diodes
- LumenX**
- MADE IN USA**
- LED Strobe**
- MV** Multi-Volt 12V & 24V
- REG** Voltage Regulated

820S/823S LumenX® LED Auxiliary Oval Strobing Lights

- **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.
- Voltage regulation and over-voltage protection.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.



Order No.	Description	Pack	Std Carton
820SA-10	amber, grommet	poly pack	6
823SA-10	amber, flange	poly pack	6
820SR-10	red, grommet	poly pack	6
823SR-10	red, flange	poly pack	6
820SW-10	white, grommet	poly pack	6
823SW-10	white, flange	poly pack	6
421-18	grommet	poly pack	12
817-48	hardshell plug, 2-wire	poly pack	12



Rear view shows twin magnets and push-button switch

18
diodes

VIZ
PACK

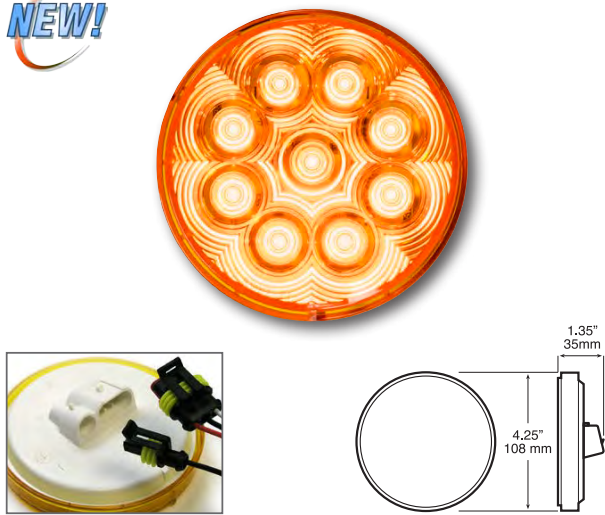
magnetic

316 LED Battery-Operated Flashing Hazard Light

- 6" x 4" battery-powered 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).
- Up to 36 hours run time on alkaline batteries.
- Can be optionally configured as self-standing easel.
- Weatherproof, sealed lens and base.

Order No.	Description	Pack	Std Carton
V316MA	amber	Viz Pack	4
V316MR	red	Viz Pack	4

NEW!



9
diodes

LED Strobe

LumenX

MADE IN USA

MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

867SA LumenX® LED Multi-Function Strobe & Rear Turn Signal

- Features alternating strobes and DOT-compliant rear turn signals.
- Activating turn signal automatically overrides strobe function.
- Requires 426-18 grommet, 817-49 3-wire plug, and 880-49 single wire sync plug for installation.

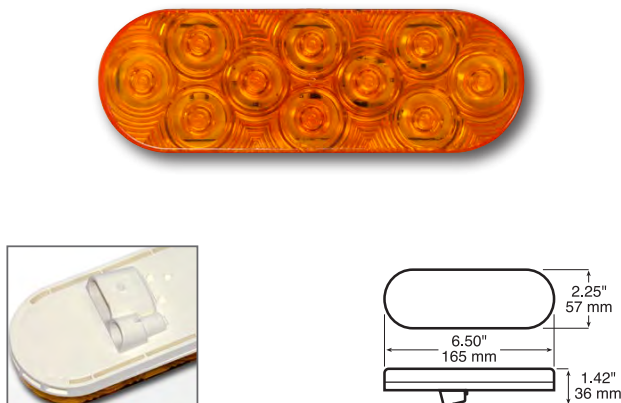
Order No.	Description	Pack	Std Carton
867SA-1	amber, type 1	poly pack	6
867SA-2	amber, type 2	poly pack	6
426-18	grommet	poly pack	12
817-48	hardshell plug	poly pack	12
B880-49	plug, sync wire	mfg. pack	100

MULTI-FUNCTION LAMPS FUNCTION AS BOTH TURN SIGNALS & STROBES!

Each self-contained lamp unit has electronic strobe and turn signal functions built in, plus "sync wire" technology that allows lamps to communicate directly with one another all without external strobe controller.

- Synchronous — Connect the black sync wire between two "Dash 1" lamps
- Alternating Strobe — Connect a "Dash 1" lamp to a "Dash 2" lamp
- Random Strobe Pattern — Leave black wire unconnected

NEW!



10
diodes

LED Strobe

LumenX

MADE IN USA

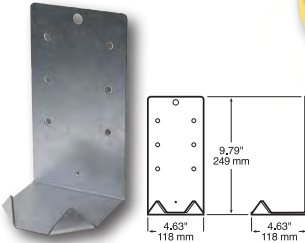
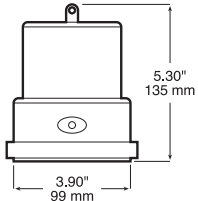
MV
Multi-Volt
12V & 24V

REG
Voltage
Regulated

860SA LumenX® LED Multi-Function Strobe & Rear Turn Signal

- Features alternating strobes and DOT-compliant rear turn signals.
- Activating turn signal automatically overrides strobe function.
- Requires 421-18 grommet, 817-49 3-wire plug, and 880-49 single wire sync plug for installation.

Order No.	Description	Pack	Std Carton
860SA-1	amber, type 1	poly pack	6
860SA-2	amber, type 2	poly pack	6
421-18	grommet	poly pack	12
817-48	hardshell plug, 2-wire	poly pack	12
B880-49	plug, sync wire	mfg. pack	100



740-09 Bracket

24
diodes

LED
Strobe

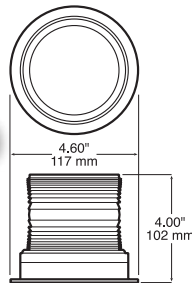
magnetic

740 LED Battery-Operated Flashing Safety Beacon

- All purpose, battery-powered portable light.
- Up to 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

NEW!



4
diodes

MADE IN
USA

LED
Strobe

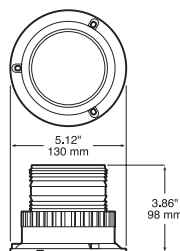
MV
Multi-Volt
12V & 24V

745 LED 360° Strobing Beacon

- **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

NEW!



3
diodes

LED
Strobe

MV
Multi-Volt
12V & 24V

762 LED 360° Strobing Beacon

- **Meets SAE J845 Class 3A specifications.**
- 65 "double-quad" flashes per minute.
- Ideal for material handling equipment.
- Polycarbonate lens and base.
- 11-48 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

NEW!



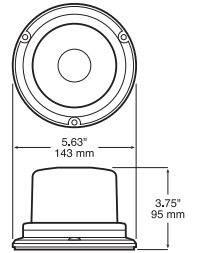
24
diodes

LED
Strobe

MV
Multi-Volt
12V & 24V

797 LED 360° Strobing Beacon

- **Meets SAE Class 2A specifications.**
- Single amber quad flash function.
- 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.



Order No.	Description	Pack	Std Carton
797A	amber	box	1

NEW!

PROGRAMMABLE!



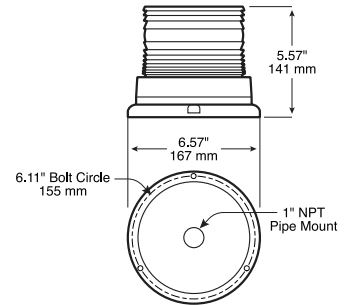
12
diodes

LED
Strobe

MV
Multi-Volt
12V & 24V

798 LED 360° Strobing Beacon

- **Meets SAE Class 1A specifications in modes 2, 4 & 7.**
- 5.6" tall.
- 360° display and 20 User-selectable patterns.
- Multivolt configuration is compatible with 12 and 24 volt systems.
- 12" cable.
- Permanent base mounts with pipe or 3 screws for easy, secure installation.



Order No.	Description	Pack	Std Carton
798A	amber	box	1

NEW!

PROGRAMMABLE!



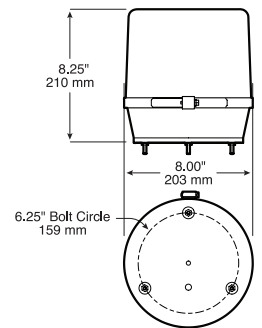
MADE IN
USA

LED
Strobe

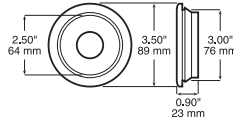
MV
Multi-Volt
12V & 24V

799 LED 360° Strobing Beacon

- **Meets SAE Class 1A specifications in modes 3 & 5.**
- 8.25" tall.
- Rugged 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)
- Multivolt configuration is compatible with 12 and 24 volt systems.
- Comes with mounting bolts attached to base.



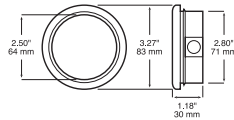
Order No.	Description	Pack	Std Carton
799A	amber, pipe mount	box	1



142
2 1/2" Grommet

- Allows 2 1/2" diameter sealed units to be flush mounted.
- Fits 142, 143, 162, 163, 192, 193, 196, and 197 series lights.
- Fits 3" mounting hole.

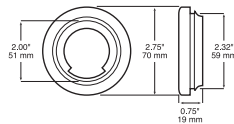
Order No.	Description	Pack	Std Carton
142-18	open back	poly pack	24
B142-18	open back	mfg. pack	100



143
2 1/2" Grommet

- Mounts 2 1/2" diameter sealed units.
- Fits 142, 143, 162, 163, 192, 193, 196, and 197 series lights.
- Fits 2 25/32" mounting hole.

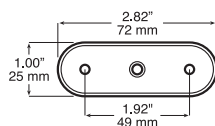
Order No.	Description	Pack	Std Carton
143-18	open back	poly pack	24
B143-18	open back	mfg. pack	100



146
2" Grommets

- Allows 2" diameter sealed units to be flush mounted.
- Fits 2" diameter round sealed lights.
- Fits 2 5/16" mounting hole in panels up to 0.25" thick.

Order No.	Description	Pack	Std Carton
146-18	open back	poly pack	24
B146-18	open back	mfg. pack	100



168
Mounting Gasket

- Fits 168 and 1268 LED lights.
- Flexible rubber protects mounting surfaces.

Order No.	Description	Pack	Std Carton
B168-18	black rubber	mfg. pack	100



177-18
Mounting Grommet

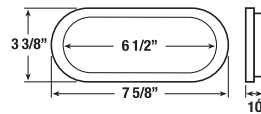
- Designed to mount 171, 176, 177 & 181 series in 0.75" (19 mm) hole.
- 177-18 grommet made of UV-resistant polymer rubber; stays flexible and prevents cracking for extended service life.
- Grommet designed to fit 26 gauge steel to 1/4" thick panel (.0179" – .25")

Order No.	Description	Pack	Std Carton
B177-18	rubber grommet	mfg. pack	100



421
Oval Grommet

- 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.

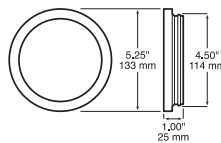


Order No.	Description	Pack	Std Carton
421-18	black oval	poly pack	12
B421-18	black oval	mfg. pack	100



426
4" Grommet

- 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.

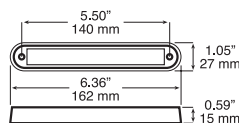


Order No.	Description	Pack	Std Carton
426-18	black	poly pack	12
B426-18	black	mfg. pack	100

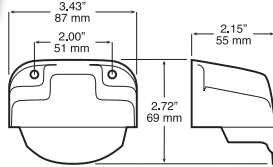


388
Surface Mount Bracket

- Allows 388-series LED lights to be surface mounted.
- Attractive chrome finish.
- Corrosion-resistant ABS construction.



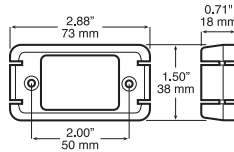
Order No.	Description	Pack	Std Carton
388-09X	chrome	poly pack	12



150 License/Utility Light Bracket

- High-impact polycarbonate.
- Black or gray.
- 150 series lamp clamps into housing to form single unit.
- Designed for use with M153C-MV LED license light shown on page 27.

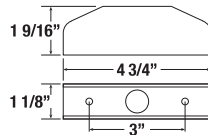
Order No.	Description	Pack	Std Carton
150-14	gray	poly pack	24
150-141	black	poly pack	24



150 Surface Mount Bracket

- Allows M153C-MV LED license light (shown on page 27) to be surface mounted.

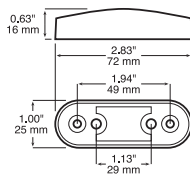
Order No.	Description	Pack	Std Carton
150-095	black	poly pack	12
B150-095	black	mfg. pack	100



160 Aluminum Brush Guard

- Thick, extruded aluminum construction for extra protection.
- Mounts on 3" centers.
- Fits 159, 160 and 167 series lights.

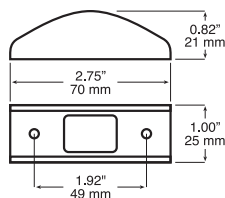
Order No.	Description	Pack	Std Carton
160-09	aluminum	poly pack	6



168 Surface Mount Bracket

- Enhances appearance of 168 LED lamp.
- Attractive black finish.
- May also be used to adapt mounting centers from 1.93" to 1.13"

Order No.	Description	Pack	Std Carton
B168-09	black	mfg. pack	100



168 Aluminum Brush Guard

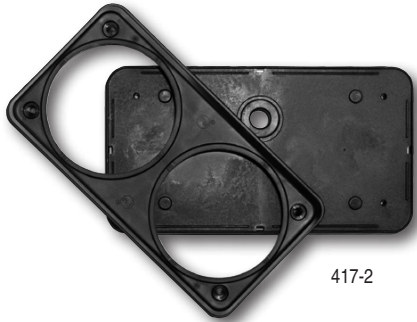
- Enhances durability and longevity of 168 LED lamp.
- Thick, extruded aluminum construction for extra protection.
- Black powdercoat version available.
- Requires use of 168-181 thinline mounting gasket.

Order No.	Description	Pack	Std Carton
B168-092	aluminum	mfg. pack	50
B168-092B	black powdercoat	mfg. pack	50
B168-181	thinline mounting gasket	mfg. pack	100



417-1

**CONVENIENT
TWO-PIECE
DESIGN**



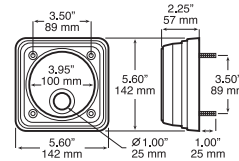
417-2



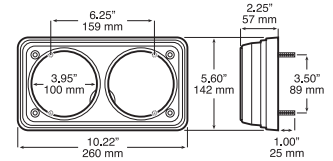
417-3 shown with lights installed

**417
Surface Mount Brackets**

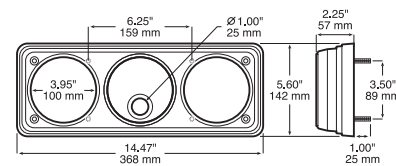
- Available in 1, 2, and 3 light versions.
- 4" round LED lights snap in easily with no grommet required.
- Not compatible with incandescent lights.
- Brackets feature separate backing plate with 1" (25 mm) cable exit hole and integral mounting studs, plus attachment screws.



417-1

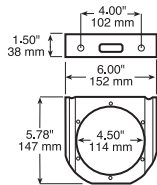


417-2



417-3

Order No.	Description	Pack	Std Carton
417-1	single light	mfg. pack	40
417-2	double light	mfg. pack	20
417-3	triple light	mfg. pack	10



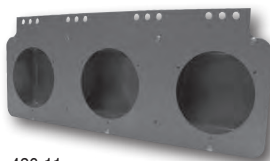
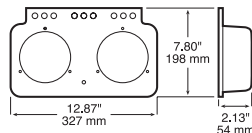
**426
Steel Right-Angle Mounting Bracket**

- 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.

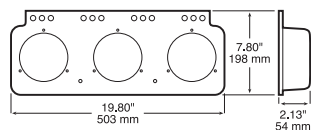
Order No.	Description	Pack	Std Carton
426-09	black steel	box	6



426-10



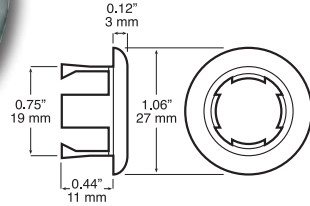
426-11



**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



176 Mounting Bracket

- Rigid plastic snap-in bracket.
- Designed to mount 171, 176, 177 & 181 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

NEW!



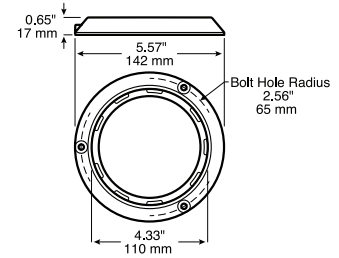
817-09
(Light sold separately)

817-10

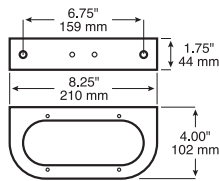


817 Surface Mount Bracket for 4" Round Lights

- 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



421 Mounting Bracket

- Black, powder-coated steel.
- For use with standard 6.5" oval grommet or flange-mount lights.
- May be bolted or welded in place.
- May be used horizontally or vertically.
- Pre-drilled mounting holes for mounting flanged lights.
- Grommet-mount lights require 421-18 grommet to for installation.

Order No.	Description	Pack	Std Carton
421-09	black oval	box	6

NEW!



820-09

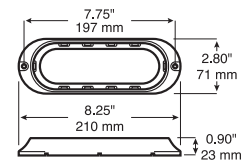


820-10 (Light sold separately)

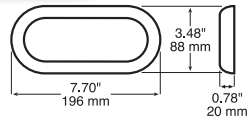


820 Surface Mount Bracket for Oval Lights

- 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.



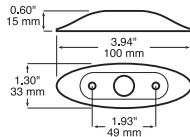
Order No.	Description	Pack	Std Carton
820-09	black	poly pack	12
820-10	chrome	poly pack	12



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, 423W-4, and 423R-4.

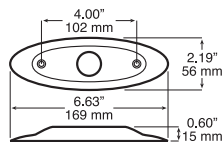
Order No.	Description	Pack	Std Carton
B423-11	chrome oval	mfg. pack	50



168
Decorative Chrome Bezel

- Enhances appearance of 168 LED lamp.
- Attractive chrome finish.
- ABS construction.

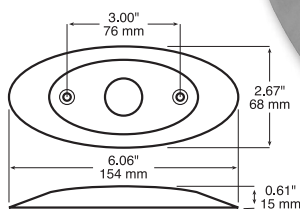
Order No.	Description	Pack	Std Carton
B168-10	chrome	mfg. pack	100



178
Decorative Chrome Bezel

- Enhances appearance of 178 LED lamp.
- Attractive chrome finish.
- Corrosion-resistant ABS construction.

Order No.	Description	Pack	Std Carton
B178-10	chrome	mfg. pack	100

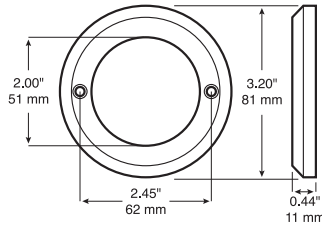


1200
Decorative Chrome Bezel

- 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

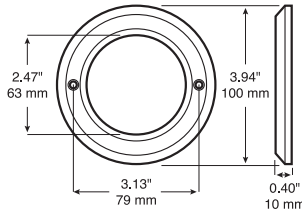
FOR GROMMET STYLE LIGHTS



7005
2" Round Decorative Chrome Bezels

- 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.
- Fits 165 & 199 series, and others.

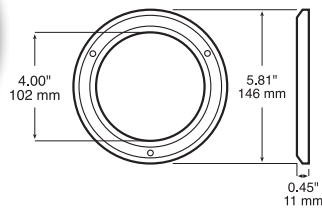
Order No.	Description	Pack	Std Carton
V7005	2" round bezel	Viz Pack	24



7007
2 1/2" Round Decorative Chrome Bezel

- 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.
- Fits 163 & 197 series, and others.

Order No.	Description	Pack	Std Carton
V7007	2 1/2" round bezel	Viz Pack	24



7009
4" Round Decorative Chrome Bezel

- 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.
- Fits 817, 826, & 882 series, and others.

Order No.	Description	Pack	Std Carton
V7009	4" round bezel	Viz Pack	24

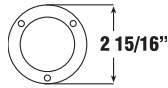


7011
Oval Decorative Chrome Bezels

- 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.
- Fits 820, 821, & 880 series, and others.

Order No.	Description	Pack	Std Carton
V7011	oval bezel	Viz Pack	24

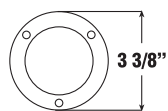
FOR FLANGE STYLE LIGHTS



**7005S
2" Round Theft Deterrent Rings**

- Fits 2" round flange-mounted lights.
- Designed to work with flange for added theft protection of high-end LED lights.
- Attractive stainless-steel finish resists corrosion.
- Embossed with PM logo.
- Fits 165F & 199F series, and others.

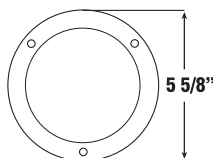
Order No.	Description	Pack	Std Carton
7005S	2" round	poly pack	12



**7007S
2 1/2" Round Theft Deterrent Rings**

- Designed for added theft protection of flange-mount lights.
- Attractive stainless-steel finish resists corrosion.
- Embossed with PM logo.
- Fits 163F & 197F series, and others.

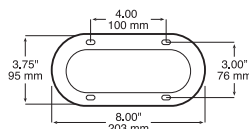
Order No.	Description	Pack	Std Carton
7007S	3 1/2" dia. with 2 1/2" opening	poly pack	12



**7009S
4" Round Theft Deterrent Rings**

- Fits 4" round flange-mounted lights.
- Designed to work with flange for added theft protection of high-end LED lights.
- Attractive stainless-steel finish resists corrosion.
- Embossed with PM logo.
- Fits 818, 824, & 883 series, and others.

Order No.	Description	Pack	Std Carton
7009S	4" round	poly pack	12



**7011S
Oval Theft Deterrent Rings**

- Fits 6 1/2" x 2 1/4" oval flange-mounted lights.
- Designed to work with flange for added theft protection of high-end LED lights.
- Attractive stainless-steel finish resists corrosion.
- Embossed with PM logo.
- Fits 822, 823, & 881 series, and others.

Order No.	Description	Pack	Std Carton
7011S	oval	poly pack	12

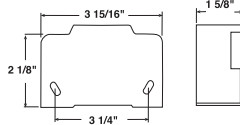


5000 Multi-Volt Solid-State LED Flasher

- Surface-mount, fully encapsulated, solid-state flasher.
- For use with LED and/or incandescent lamps.
- **Resolves flash rate issues caused by reduced resistance LED lights.**
- Operates at .01 to 17 amps.
- Voltage range of 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

UL APPROVED



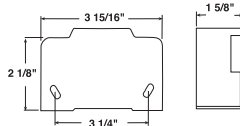
780 97 dB Back-Up Alarm



- 97-decibel volume.
- For all trucks and rubber-tire vehicles.
- 12-24 volt operating range.
- Less than 0.6 amp draw.
- -40° to +185° F temperature range.
- ABS housing and sealed internal components for vibration/moisture protection.
- Unit may be grounded through mounting screw.
- Meets SAE J994 Type C requirements.
- Meets IP65 ingress protection standard.
- Standard carton of 6, master carton of 36.

Order No.	Description	Pack	Std Carton
V780	97 dB alarm	Viz Pack	6
780	97 dB alarm	box	6

UL APPROVED

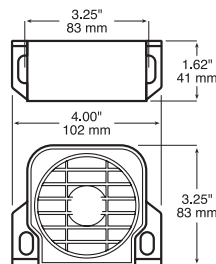


781 102 dB Back-Up Alarm



- 102-decibel volume.
- For medium-duty applications in higher noise areas.
- 12-24 volt operating range.
- Less than 0.6 amp draw.
- -40° to +185° F temperature range.
- ABS housing and sealed internal components for vibration/moisture protection.
- Unit may be grounded through mounting screw.
- Meets SAE J994 Type F requirements.
- Meets IP65 ingress protection standard.
- Standard carton of 6, master carton of 36.

Order No.	Description	Pack	Std Carton
V781	102 dB alarm	Viz Pack	6
781	102 dB alarm	box	6

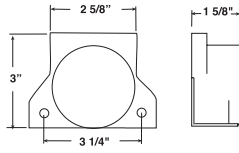


782 107 dB Back-Up Alarm



- 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.
- Standard carton of 6, master carton of 36.

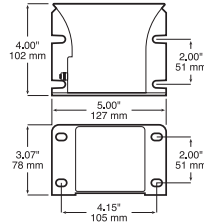
Order No.	Description	Pack	Std Carton
782	107 dB alarm	box	6



783
87 dB Auxiliary Back-Up Alarm

- 87-decibel volume.
- 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.
- Ideal for light-duty applications.

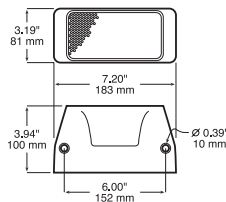
Order No.	Description	Pack	Std Carton
V783	87 dB alarm	Viz Pack	6



784/785
Back-Up Alarm

- 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.
- Standard carton of 1, master carton of 20.

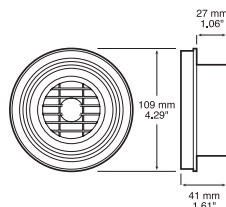
Order No.	Description	Pack	Std Carton
784	112 dB alarm	box	1
785	97-112 dB variable alarm	box	1



784-C
Back-Up Alarm

- 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
- Standard carton of 1, master carton of 24.

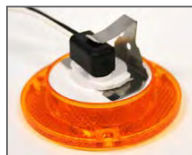
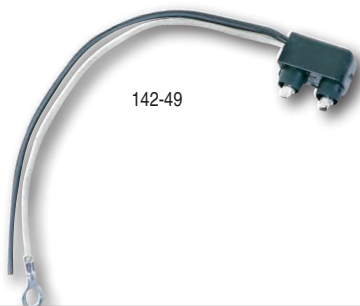
Order No.	Description	Pack	Std Carton
784-C	112 dB alarm	box	1



786
Back-Up Alarm

- Round alarm fits the same 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 and meets SAE J994 Type C specifications.
- 786-102 has 12–24 volt operating range and meets SAE J994 Type F specifications.
- Comes complete with standard 426-18 mounting grommet.
- Standard carton of 1, inner carton of 6, master carton of 36.

Order No.	Description	Pack	Std Carton
786-97	97 dB alarm	box	1
786-102	102 dB alarm	box	1



B162-093 retaining clip



142-49 PL10 Marker Lamp Plug

- 2-wire molded plug for clearance and marker lights.
- Fits 142, 143, 145, 146, 150, 189, 190, 197, 199 series and competitive models.
- Includes a #10 ring terminal on ground wire; hot wire is stripped.

Order No.	Description	Pack	Std Carton
142-49	6" leads	poly pack	12
B142-49	6" leads	mfg. pack	100
B162-093	retaining clip	mfg. pack	100



160-49/492 Marker Lamp Plugs

- Right-angle, two-wire plug for use with 160 series LED clearance/marker lights.
- 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.

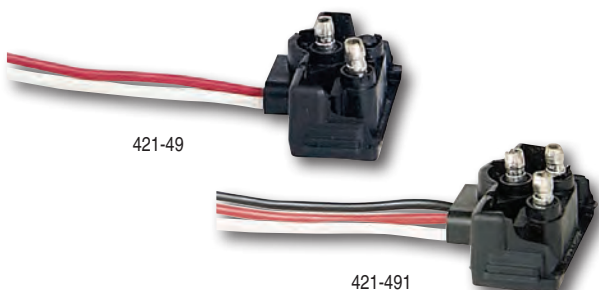
Order No.	Description	Pack	Std Carton
160-49	ring term & stripped lead	poly pack	12
B160-491	ring term & .180 bullet	mfg. pack	100
B160-492	two .180 bullets	mfg. pack	100



162-49 PL10 LED Marker Lamp Plug

- Right-angle TRIPLE SEAL, 2-wire molded plug for clearance and marker lights.
- Fits 142, 143, 145, 146, 150, 189, 190, 197, 199 series and competitive models.
- Stripped hot wire; ground wire has w/ #10 ring terminal and heat-shrink tubing for additional corrosion protection.

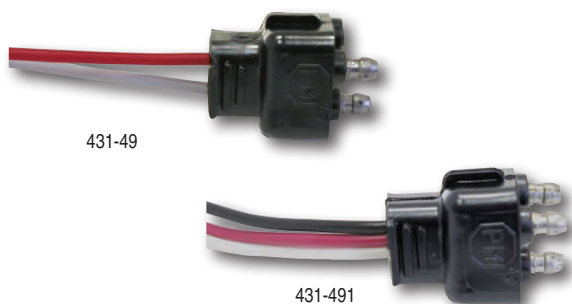
Order No.	Description	Pack	Std Carton
162-49	stripped/ring	poly pack	12
B162-49	stripped/ring	mfg. pack	100



421-49/491 Right-Angle PL3 Plugs

- 2-wire (-49) and 3-wire (-491) right angle plugs for single contact sealed incandescent 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
B421-49	2-wire, rt. angle, 10.5"	mfg. pack	100
421-491	3-wire, rt. angle, 10.5"	poly pack	12
B421-491	3-wire, rt. angle, 10.5"	mfg. pack	100



431-49/491 Straight PL3 Wire Plugs

- 2-wire (-49) and 3-wire (-491) molded plugs for double contact sealed incandescent stop/turn/tail lamps.
- Includes #10 ring terminal on ground wire; hot wire is stripped.

Order No.	Description	Pack	Std Carton
431-49	2-wire, straight, 10.5"	poly pack	12
B431-49	2-wire, straight, 10.5"	mfg. pack	100
431-491	3-wire, straight, 10.5"	poly pack	12
B431-491	3-wire, straight, 10.5"	mfg. pack	100



817-48
Molded LED 2-Wire Plug



- 2-wire weatherproof plug with molded plug housing.
- Stripped hot wire; ground wire has w/ #10 ring terminal and heat-shrink tubing for additional corrosion protection.
- 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



817-49
Molded LED 3-Wire Plug

- 3-wire weatherproof plug with molded plug housing.
- Stripped hot wires; ground wire has w/ #10 ring terminal and heat-shrink tubing for additional corrosion protection.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
817-49	stripped lead/ring terminal	poly pack	12
B817-49	stripped lead/ring terminal	mfg. pack	100



417-48/481/482
LED 2-Wire Plugs

- 2-wire hard-shell, weatherproof plug.
- 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



417-49/491
LED 3-WIRE PLUGS

- 3-wire hard-shell, weatherproof plug.
- 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.
- 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

NEW!



880-49/491/496 AMP-Compatible Plugs

- 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 867SA, 860SA, 8344 and 8363 series multi-function LED strobes.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
B880-49	adapter plug	mfg. pack	100
B880-491	adapter plug	mfg. pack	100
B880-496	adapter plug	mfg. pack	100



421-491RS Resistor Harness

- For use when upgrading existing vehicle turn signals from incandescent to LED.
- In-line 50 watt, 10 ohm resistor.
- Provides adequate resistance for proper flasher module operation.
- Terminated with one male and one female PL3 plug.
- **Resolves hyper-flash issue due to reduced draw of LED lights.**



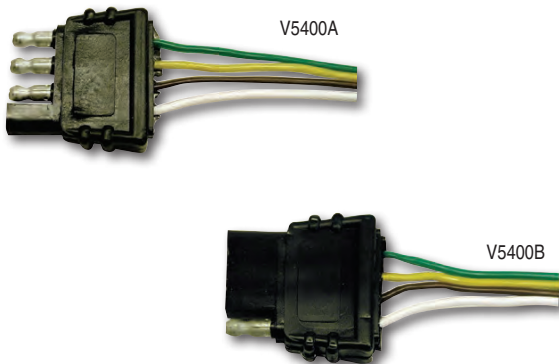
Order No.	Description	Pack	Std Carton
421-491RS	resistor harness	poly pack	12



5400 4-Way Flat Connector



- Flat four-way trunk and trailer connector.
- 5400A has 12" lead & ground wires.
- 5400B has three 48" lead wires and one 12" ground wire.
- Color coded wire meets SAE J1128 specifications.
- Plug meets SAE J1239 specifications.



Order No.	Description	Pack	Std Carton
V5400A	trailer – 3 male w/ female ground	Viz Pack	6
V5400B	vehicle – 3 female w/ male ground	Viz Pack	6

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.

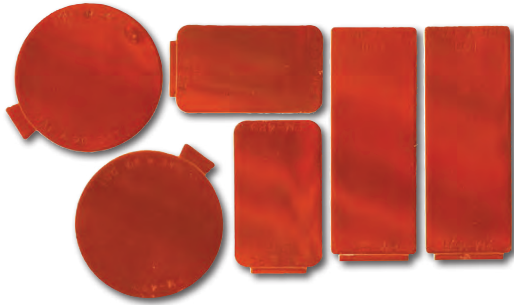
Order No.	Description	Pack	Std Carton
5406P	plug	poly pack	10
5406S	socket	poly pack	10

5407 Round 7-Way Connector



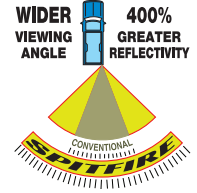
- 7-way male and female connectors for heavy duty use.
- Diecast zinc construction.
- Accepts wide range of wire gauges.
- Built-in socket slant provides easy alignment and maximum contact.

Order No.	Description	Pack	Std Carton
5407P	plug	poly pack	10
5407S	socket	poly pack	10



493 Spitfire® Pressure-Sensitive Kit

- Contains two each: 489, 490, 491 reflectors.
- Available in amber or red.
- High-strength, pressure-sensitive backing adhesive.



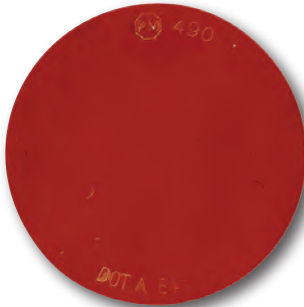
Order No.	Description	Pack	Std Carton
V493KA	amber kit	Viz Pack	12
V493KR	red kit	Viz Pack	12



489 Spitfire® Pressure-Sensitive Rectangular Reflector

- 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
B489A	amber	mfg. pack	100
B489R	red	mfg. pack	100



490 Spitfire® Pressure-Sensitive Round Reflector



- Round reflector measures 2.88" (73 mm) diameter.
- High-strength, pressure-sensitive backing adhesive.
- Meets FMVSS 108 requirements.

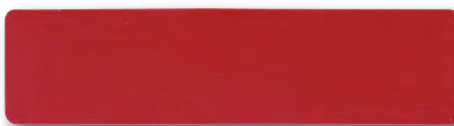
Order No.	Description	Pack	Std Carton
V490A	amber	Viz Pack	6
V490R	red	Viz Pack	6
B490A	amber	mfg. pack	100
B490R	red	mfg. pack	100



491 Spitfire® Pressure-Sensitive Rectangular Reflector

- Rectangular reflector measures 4.31" x 1.69" (110 mm x 43 mm).
- High-strength, pressure-sensitive backing adhesive.
- Meets FMVSS 108 requirements.

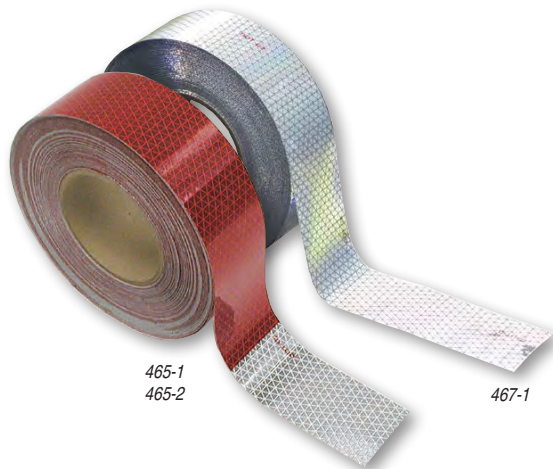
Order No.	Description	Pack	Std Carton
B491A	amber	mfg. pack	100
B491R	red	mfg. pack	100



492 Spitfire® Pressure-Sensitive Rectangular Reflector

- 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 accessory use only.
- Does not feature labeling required to meet FMVSS 108 requirements.

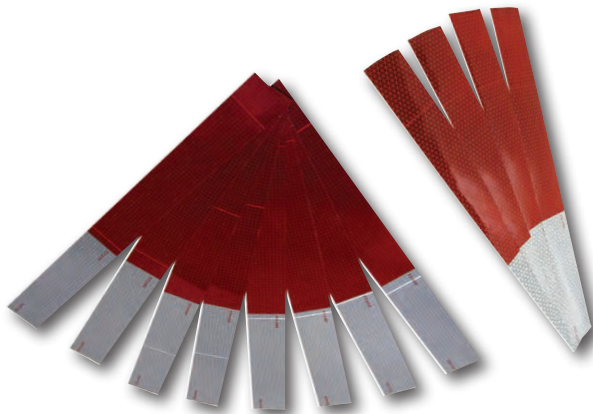
Order No.	Description	Pack	Std Carton
B492A	amber	mfg. pack	100
B492R	red	mfg. pack	100



**463/464/465/467
Reflective Marking Tape**

- Reflective material rated at 600 candle power.
- UV-stabilized and weather resistant high performance polyester film.
- Industrial-strength adhesive to mount on flat or curved surfaces.
- No edge sealing requirement and can be riveted through.
- Single layer prismatic construction maintains reflectivity after impact.
- Available in white and in two patterns of alternating white and red.
- Five year warranty.
- White lines in pattern for maximum DAYTIME visibility.

Order No.	CP	Width	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



**465/467/468
Reflective Marking Tape Strips**



- High-brightness reflective material rated at 600 candle power.
- Industrial-strength adhesive to mount on flat or curved surfaces.
- Kits contain four or eight strips.
- 467-4K contains 300mm (11.8") long strips; all others are 18" long.

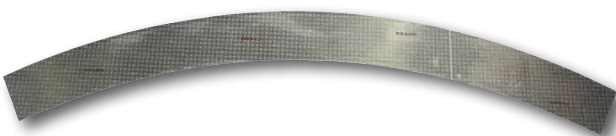
Order No.	Description	Pack	Std Carton
465K	2" red/white 8-strip kit	Viz Pack	12
465-4K	2" red/white 4-strip kit	Viz Pack	12
467-4K	2" x 300mm white 4-strip kit	Viz Pack	12
468K	1 7/16" red 8-strip kit	Viz Pack	12



**469
Yellow Reflective Tape**

- School bus style yellow reflective tape.
- Industrial-strength adhesive to mount on flat or curved surfaces.
- Available in 1 7/16" or 2" widths.
- Each roll contains 150 foot of tape.

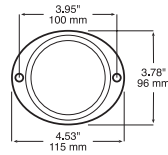
Order No.	Description	Pack	Std Carton
469	yellow, 1 7/16" wide	box	1
469-1	yellow, 2" wide	box	1



**486
Reflective Marking Tape**

- Tank style white reflector tape.
- Industrial-strength adhesive to mount on flat or curved surfaces.
- 2" wide curved strip.
- Approximately 23.5" wide.

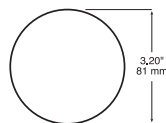
Order No.	Description	Pack	Std Carton
B486W	white	box	100



472
Aluminum Oval Reflector

- 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.

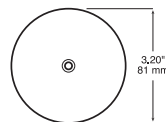
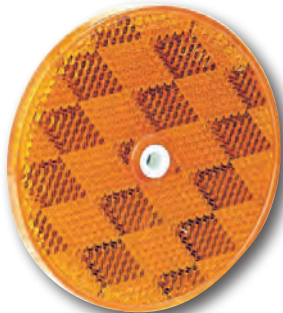
Order No.	Description	Pack	Std Carton
V472A	amber	Viz Pack	12
V472R	red	Viz Pack	12
B472A	amber	mfg. pack	100
B472R	red	mfg. pack	100



475
Round Quick-Mount Reflector

- 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.

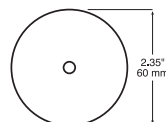
Order No.	Description	Pack	Std Carton
V475A	amber	Viz Pack	12
V475R	red	Viz Pack	12
B475A	amber	mfg. pack	100
B475R	red	mfg. pack	100



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.

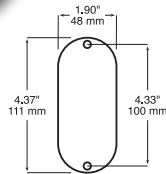
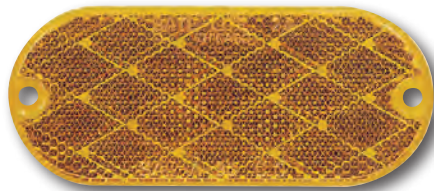
Order No.	Description	Pack	Std Carton
B476A	amber	mfg. pack	100
B476R	red	mfg. pack	100



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.

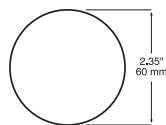
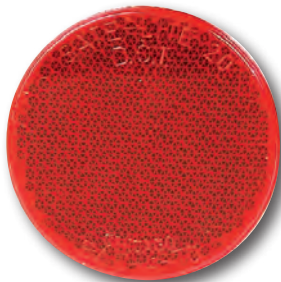
Order No.	Description	Pack	Std Carton
B477A	amber	mfg. pack	100
B477R	red	mfg. pack	100



**480
Oblong Quick-Mount Reflector**

- 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.

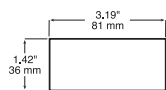
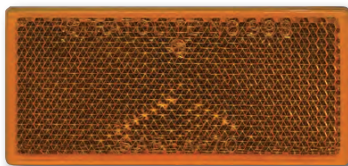
Order No.	Description	Pack	Std Carton
V480A	amber	Viz Pack	6
V480R	red	Viz Pack	6
B480A	amber	mfg. pack	100
B480R	red	mfg. pack	100



**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.

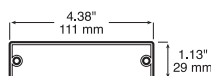
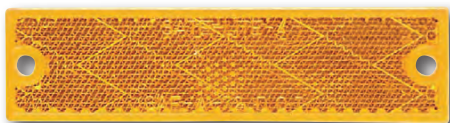
Order No.	Description	Pack	Std Carton
B481A	amber	mfg. pack	100
B481R	red	mfg. pack	100



**483
Rectangular Quick-Mount Reflector**

- 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.

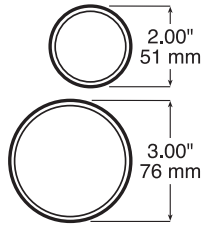
Order No.	Description	Pack	Std Carton
V483A	amber	Viz Pack	12
V483R	red	Viz Pack	12
B483A	amber	mfg. pack	100
B483R	red	mfg. pack	100



**487
Compact Rectangular Reflector**

- 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.

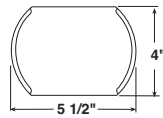
Order No.	Description	Pack	Std Carton
V487A	amber	Viz Pack	12
V487R	red	Viz Pack	12
B487A	amber	mfg. pack	100
B487R	red	mfg. pack	100



600/603
Round Blind-Spot Mirrors

- Convex glass mirror available in two diameters
- Aluminum housing.
- Adhesive backing mounts to any smooth, flat surface.
- Packaged one per display card.

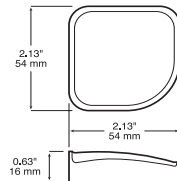
Order No.	Description	Pack	Std Carton
V600	aluminum 2" dia.	Viz Pack	12
V603	aluminum 3" dia.	Viz Pack	12



602
Rectangular Blind-Spot Mirror

- 4" x 5 1/2" convex glass mirror.
- Aluminum housing.
- Adhesive backing mounts to any smooth, flat surface.
- Packaged one per display card.

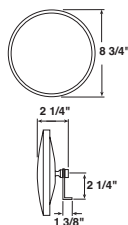
Order No.	Description	Pack	Std Carton
V602	aluminum	Viz Pack	12



604
Stick-On Wedge Blind Spot Mirror

- 2" x 2" angled convex mirror.
- Molded ABS housing.
- Universal for left or right side mirrors.
- Adhesive backing mounts to any smooth, flat surface.
- Packaged one per display card.

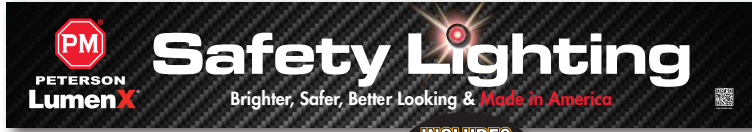
Order No.	Description	Pack	Std Carton
V604	black	Viz Pack	12



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



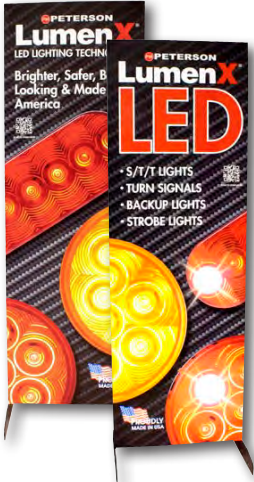
INCLUDES POWER SUPPLY!

D27
Light-Up Header Sign
48" W x 8.25" H



INCLUDES POWER SUPPLY!

DE16-HD
LED Wall/Counter Display
23" H x 22" W x 3" D



D25
Two-Sided Floor Display
23" W x 72" H



D24
Battery-Operated Counter Display
16" H x 11" W x 6" D



D9
LumenX® LED vs Incandescent Battery-Operated Counter Display
14.75" H x 8.5" W x 4.5" D

D28 & D28E
Work Light Counter Display
18.75" H x 20" W x 12" D



INCLUDES POWER SUPPLY!



INCLUDES POWER SUPPLY!

D29
LED Headlight Counter Display
16" H x 16" W x 9" D



D12
Counter Display Bin (Lights not included)
18" H x 16" W x 12" D



D20-4
D20-6
D20-12
4", 6" and 12" Bin Boxes



PM-CM-0714-Z
Counter Mat
16" H x 20" W



4' Assortment "A"

4' Assortment "B"

4' Assortment "C"

PART NO.	QTY.	PART NO.	QTY.
142-18	2	397C	2
146-18	2	421-18	2
162-49	2	426-18	2
163KA-MV	2	431-49	2
163KR-MV	2	431-491	2
165KA-MV	2	V507	1
165KR-MV	2	780	1
168XA-MV	2	781	1
168XR-MV	2	782	1
178XA-MV	2	784	1
178XR-MV	2	817-48	2
181KA-MV	2	817-49	2
181KR-MV	2	820-09	2
187A-MV	2	820-10	2
187R-MV	2	V908	1
197KFA	2	P1200A	2
197KFR	2	P1200C	2
197KA	2	P1200R	2
197KR	2	1200-09X	2
199KFA	2	P1203A	2
199KFR	2	P1203R	2
199KA	2	P5600	1
199KR	2	P5600-1	1
368	2	7005S	2
388A	2	7007S	2
388R	2	D24	1

PART NO.	QTY.	PART NO.	QTY.
817-09	2	823KA-10	2
817-10	2	823KR-10	2
817KA-9	2	823KC-10	2
817KR-9	2	824A-9	2
817KC-9	2	824R-9	2
818KA-9	2	824C-9	2
818KR-9	2	826A-9	2
818KC-9	2	826R-9	2
820KA-10	2	826C-9	2
820KR-10	2	V901-MV	1
820KC-10	2	V904-MV	1
821A-10	2	V910-MV	1
821R-10	2	V913-MV	1
821C-10	2	7009S	2
822A-10	2	7011S	2
822R-10	2	D28-E	1
822C-10	2		

PART NO.	QTY.	PART NO.	QTY.
PM-103T	2	P4156SA	2
153C-142	2	740A	1
179A	2	740R	1
179R	2	745A	1
272KA	2	762A	1
272KR	2	797A	1
274KA	2	817SA-9	2
274KR	2	818SA-9	2
290C-BT2	2	820SA-10	2
V316MA	2	823SA-10	2
V316MR	2	V845	2
V327L	2	V845L	2
V327R	2	880K-7-MV	2
350A-P	2	881K-7-MV	2
350AF	2	882K-7-MV	2
359-2	2	883K-7-MV	2
359-3	2	V944	1
P4155SA	2	D27	1

A variety of other Plan-A-Grams are available to suit your specific needs. Ask about other display options!



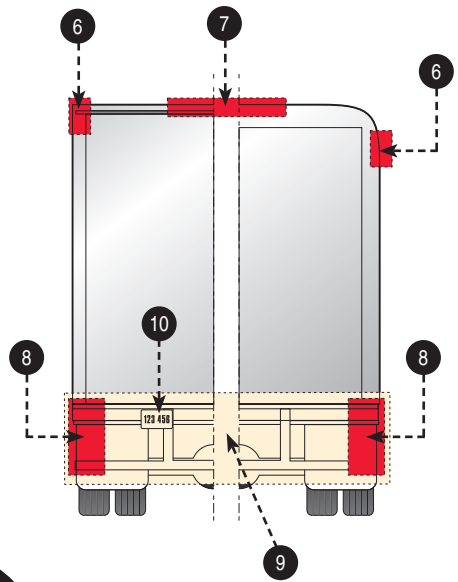
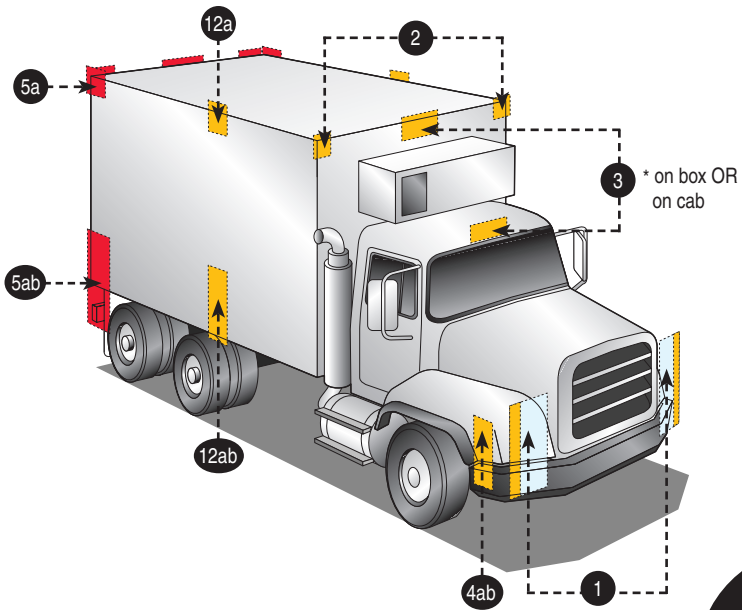
30" W x 56" H Assortment



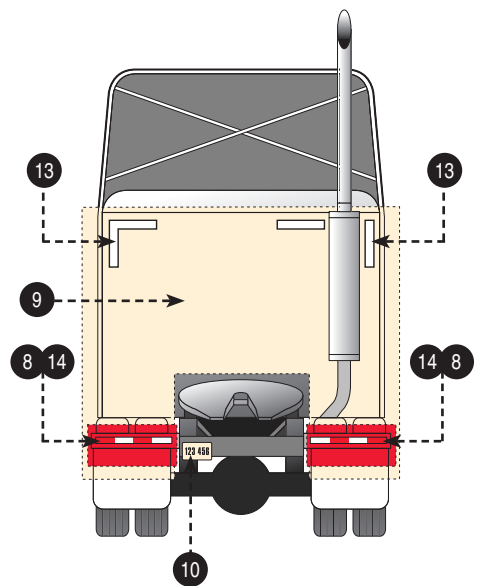
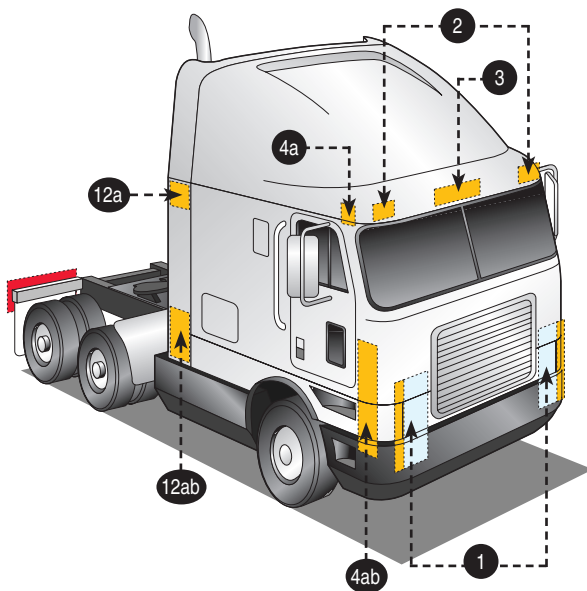
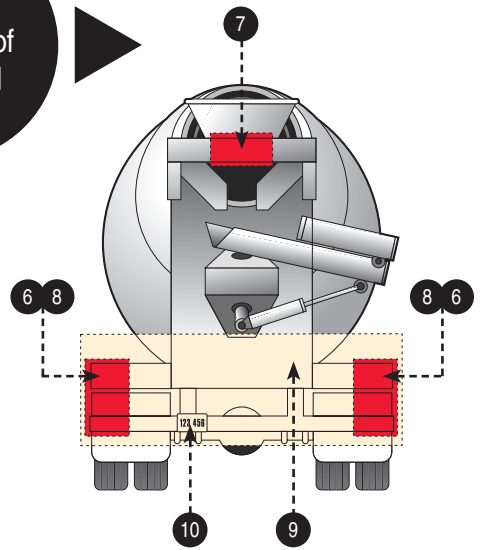
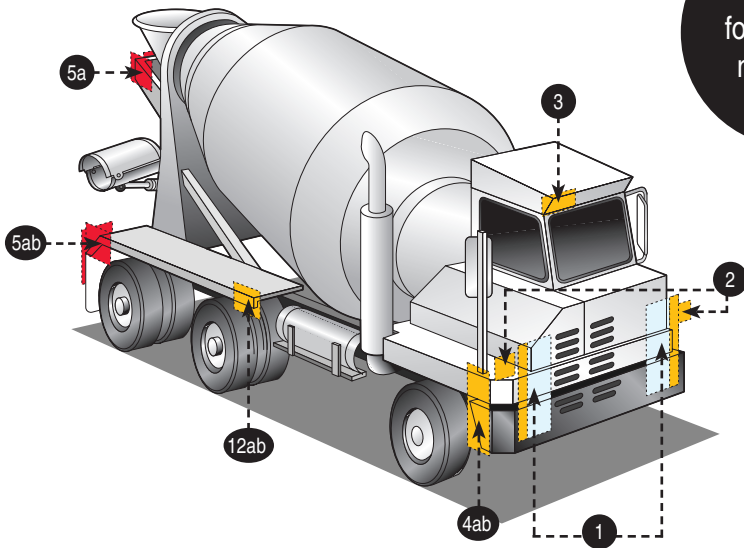
48" W x 60" H Assortment



48" W x 84" H Assortment



See page 69 for details of numbered areas



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.

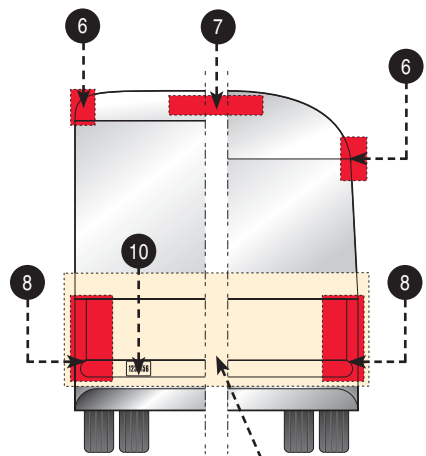
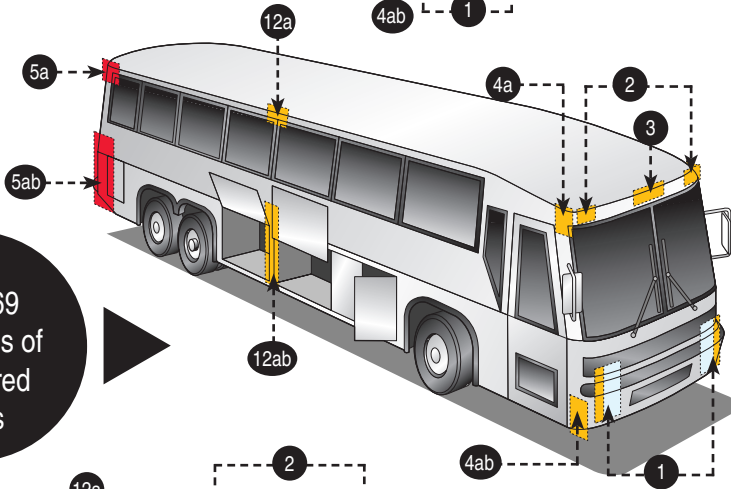
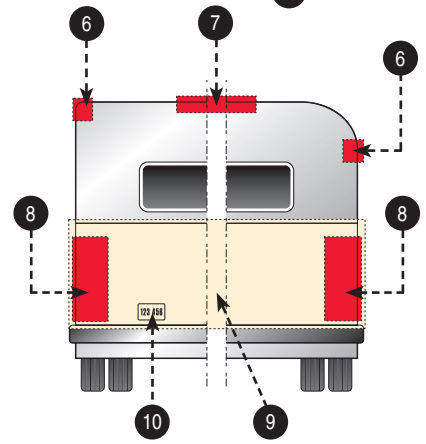
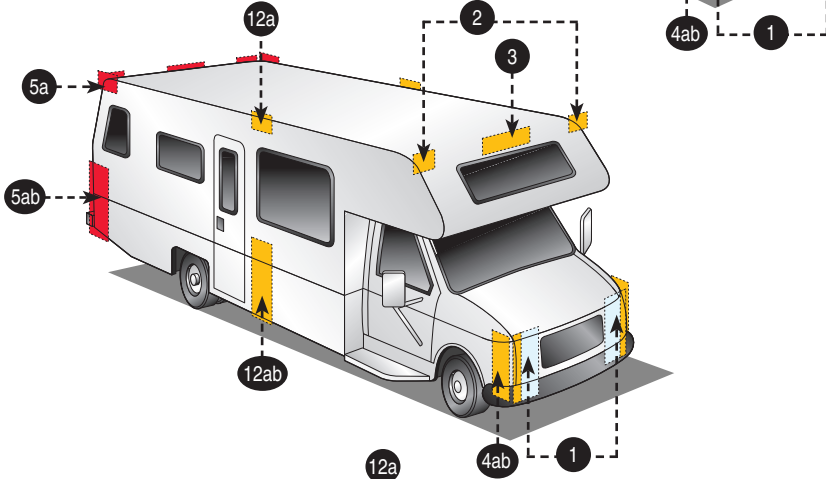
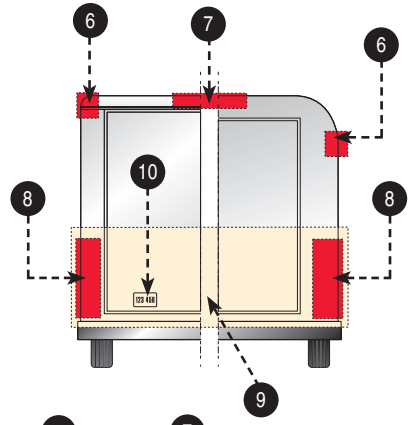
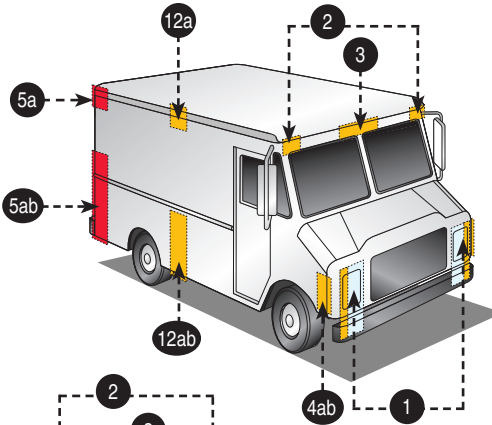
Data and illustrations provided courtesy of NHTSA.



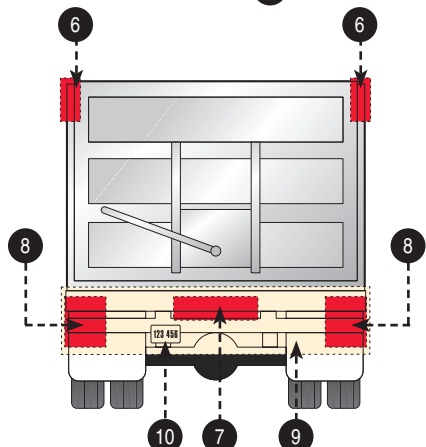
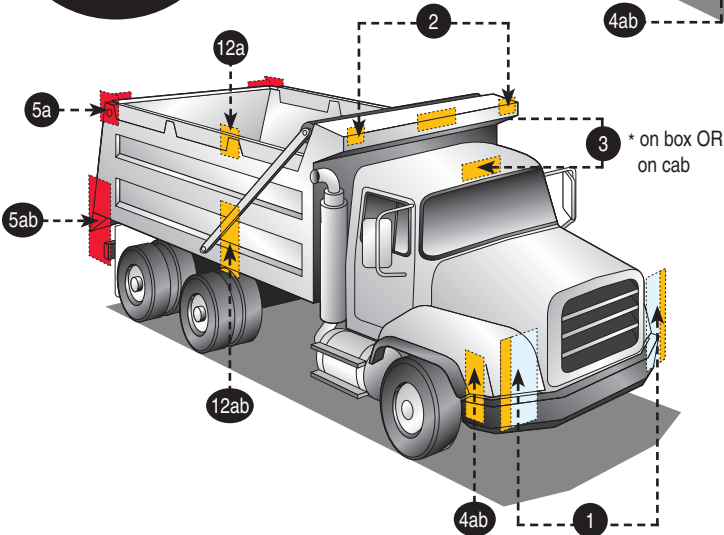
NHTSA
People Saving People
<http://www.nhtsa.dot.gov>



Transport Canada
<http://www.tc.gc.ca>



See page 69 for details of numbered areas



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

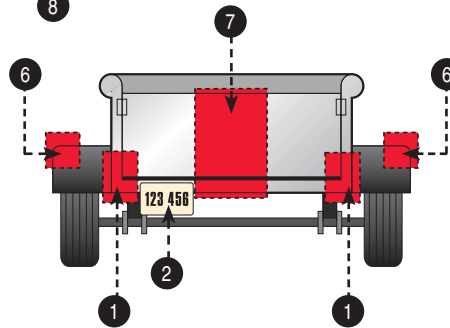
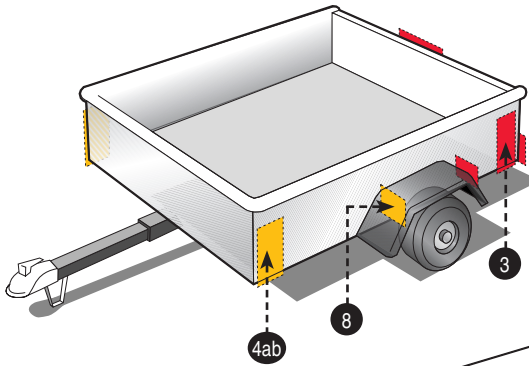
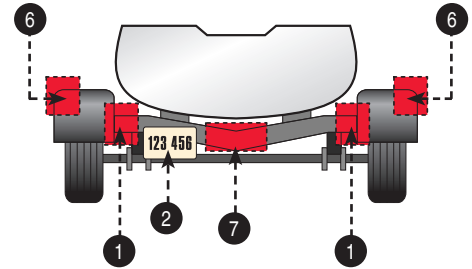
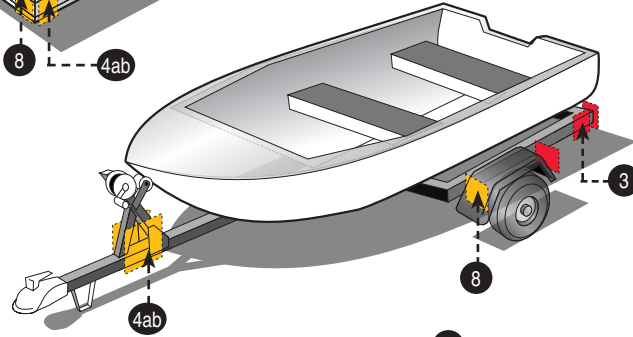
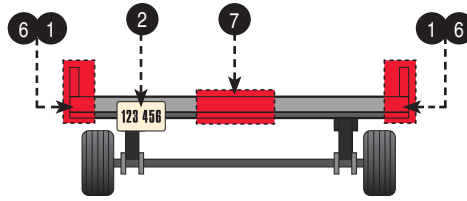
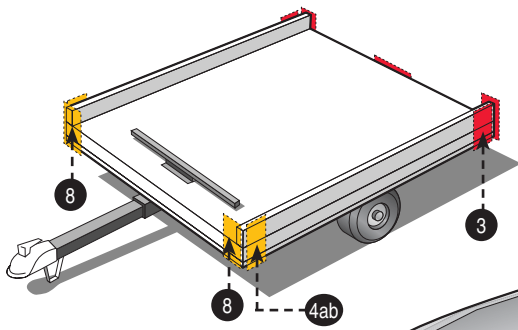
DESCRIPTION				MANDATORY REQUIREMENTS			
Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height mm(in.) from the ground
1	Headlamps - Lower Beam US requires "DOT" lettering on lens US & Canada - light source code required on lens	(H, HR)	Forward road illumination	Minimum 2	White	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 as far apart as practicable 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 150mm (6 in.) to 300mm (12 in.) apart	As high as practicable or on top of the cab
4	a 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
	b Front Side Reflex Reflectors	(A)		Minimum 2	Yellow	At front - symmetrical as far forward as practicable facing sideward	380-1530 (15-60)
5	a 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
	b 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

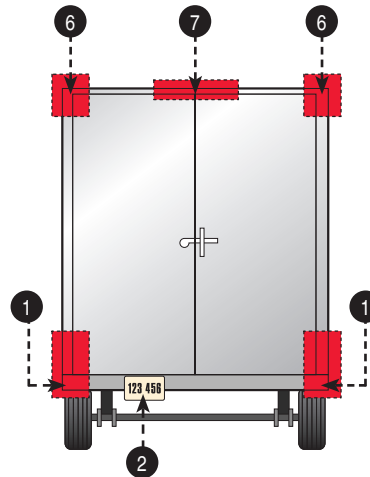
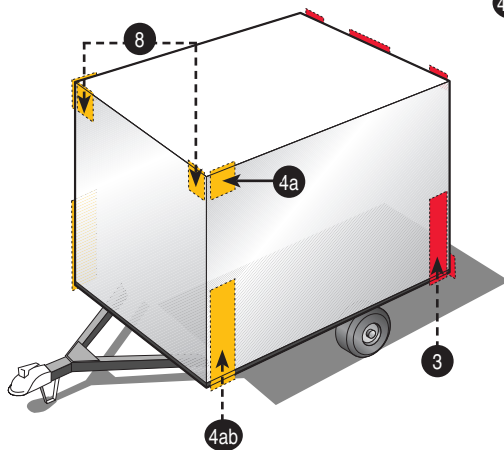
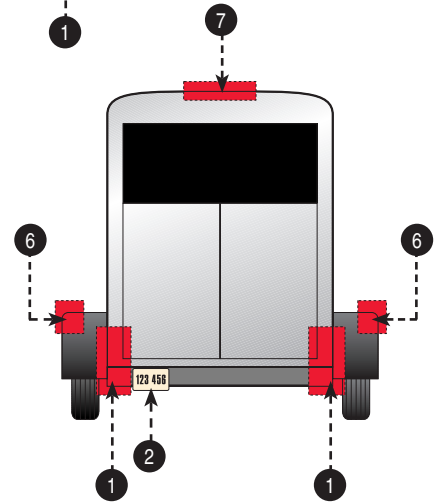
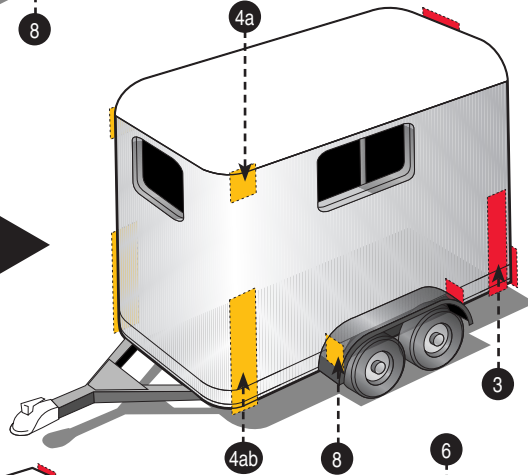
DESCRIPTION				MANDATORY REQUIREMENTS			
Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height mm(in.) from the ground
12	a Intermediate Side Marker Lamps	(P2 or P3)	Indicate presence of a long vehicle	Minimum 2	Yellow	Each side near center	380 (15) minimum
	b Intermediate Side Reflex Reflectors	(A)	Indicate presence of a long vehicle	Minimum 2	Yellow	Each side near center facing sideward	380-1530 (15-60)

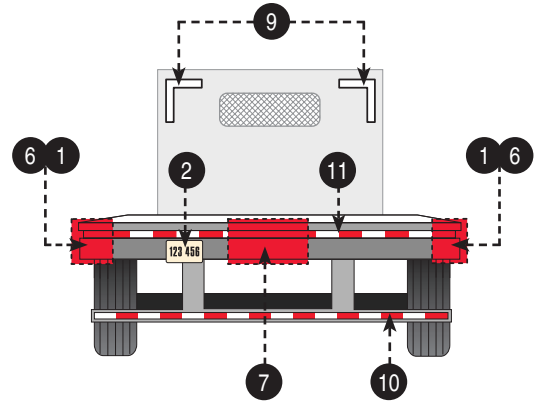
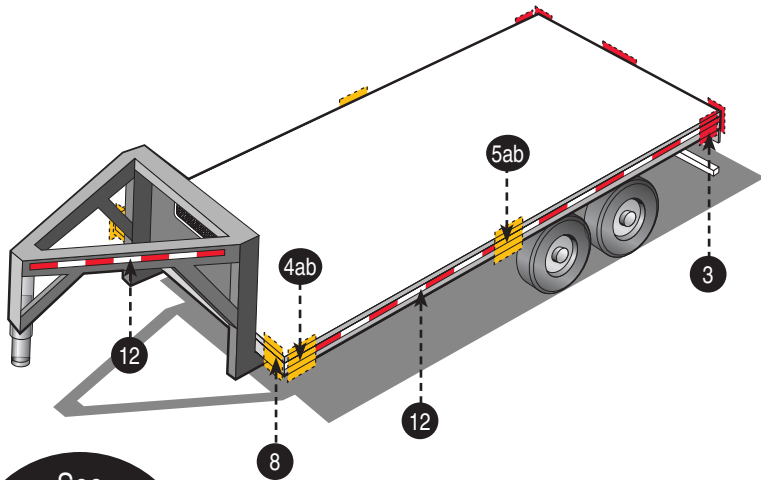
Truck Tractors

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

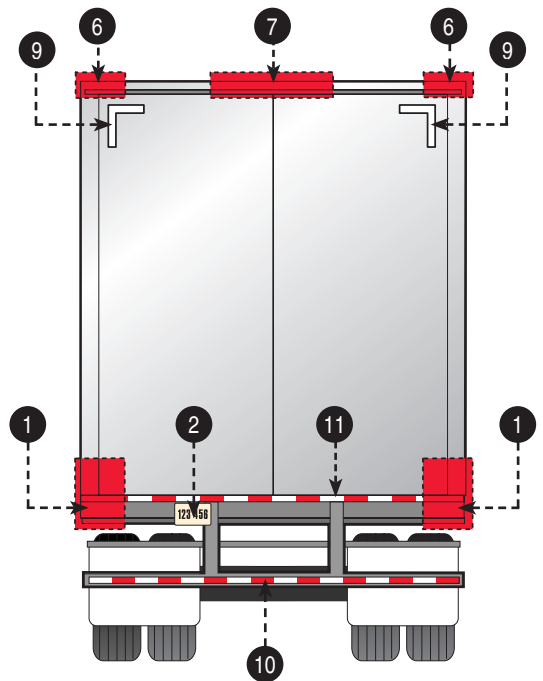
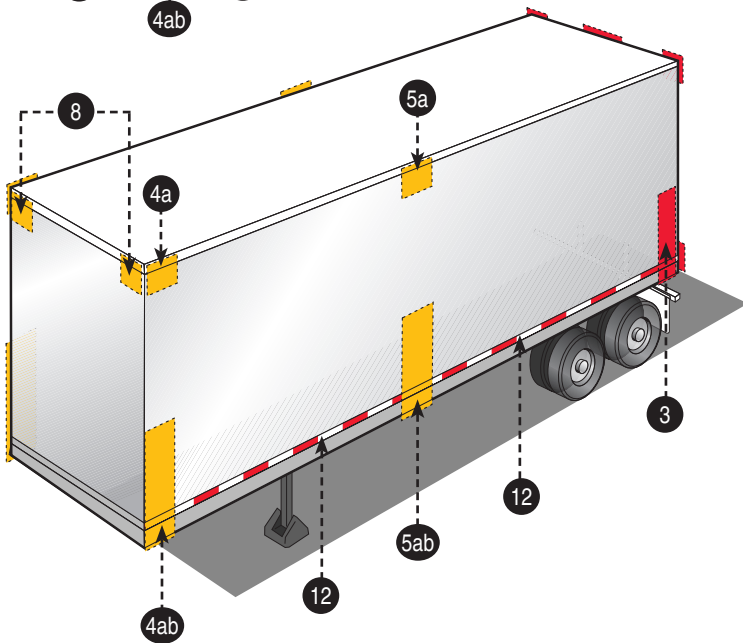
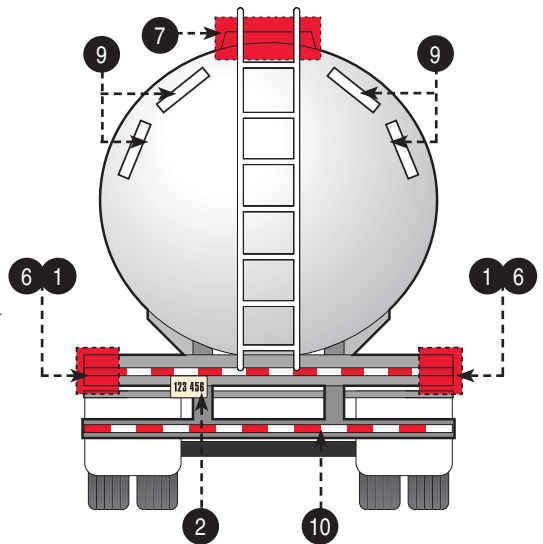
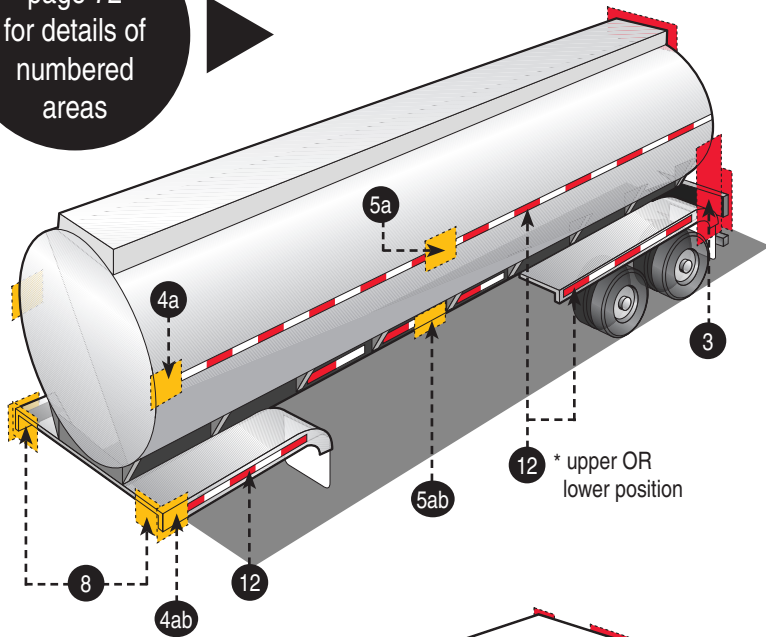


See page 72 for details of numbered areas





See page 72 for details of numbered areas



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 <small>*photometrically certified at installation angle</small>	(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 <small>*photometrically certified at installation angle</small>	(P2, PC* or P3, PC2*)	Front and rear side marker lamps / side reflex reflectors indicate vehicle's presence and length	Minimum 2	Yellow	Each side at front as far forward as practicable	380 (15) minimum
	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
	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 <small>*photometrically certified at installation angle with tail lamps</small>	(P2, PC* or P3, PC2*)	Show vehicle's width MAY NOT be combined	Minimum 2	Red	At widest point - symmetrical on the rear or near the rear ID lamps are at the top	As high as practicable may be lower only if facing rearward
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 <small>*photometrically certified at installation angle</small>	(P2, PC* or P3, PC2*)	Show vehicle's width	Minimum 2	Yellow	At widest point - symmetrical on the front or near the front	As high as practicable facing forward

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.
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 horizontal as practicable and as close as practicable to the range of 375 to 1525mm from the ground	Optional in Canada: Rear lower body and side conspicuity treatment may also be solid white, solid yellow, or white and yellow.
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	

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.

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

- Non-LumenX LED work lights
- 215 Series clearance/marker lights
- Tunnel Lights™
- 930 & 931 Light bars
- 5600 & 5600-1 Timer switches

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.