

# Lighting Systems Catalog



**Grote**

The first name in vehicle safety systems®

# Grote: A Worldwide Leader in Vehicle Lighting and Safety Systems

**ECHOING OUR GROWING PROPORTION OF INTERNATIONAL BUSINESS, GROTE HAS TRANSITIONED FROM A NORTH AMERICAN-BASED INTERNATIONAL TO A TRUE MULTI-NATIONAL ORGANIZATION.**

Grote's Madison, Indiana facility is our international headquarters, where a large proportion of our strategic lighting development and manufacturing takes place. We are transitioning our non-U.S. facilities to true strategic design and production centers of excellence for the entire enterprise.



Grote Europe, Niederwinkling, Germany, is Grote's European headquarters and is responsible for design and production of lighting safety systems to meet specific European requirements.



Grote of Canada, located in Markham, Ontario, is the headquarters for the manufacturing and development of Grote's Accessory lines. Grote of Canada serves both the original equipment and aftermarket channels for the entire Canadian market, and its new state-of-the-art facility operates at the forefront of industry manufacturing and distribution efficiency.



Grote Electronics, located in Waterloo, Canada, is a state-of-the-art, high-volume manufacturing facility dedicated to assembling Grote's light emitting diode (LED) circuit boards and electronic-based specialty products. Today, we are leading the industry in LED technology, not only for exterior lighting solutions, but for interior designs as well.



Grote De Mexico, located in Monterrey, is responsible for development and production of Grote wiring and trailer harnesses, including Grote's patented ULTRA-BLUE-SEAL® pigtail and harness system.



Grote China, located in Shanghai, China is a wholly-owned, foreign enterprise of Grote Industries. Grote's new facility is the launching pad for our Asian OE business growth.





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# Grote's LED innovation certainly changed things for the better.



## LEDs Have Come A Long Way.

Grote is proud of the revolution in lighting performance we created in 1989.

Since then, LED technology has proved to be more reliable, more durable, and less expensive, lasting 10 times longer and using less power than previous technology. From clearance markers, LED lamps have found uses all around the rigs – stop tail turns, head lamps, auxiliary, interior, and every place a lamp is used today.

## The Future Looks Bright.

As LED technology evolves, so does Grote's cutting-edge nano-technology. With ultimate flexibility, consistent, high-

quality brightness and the strength to resist the most extreme conditions, LightForm™ is shedding a new light on LED transportation applications. LightForm™ conforms to almost any shape or contour without sacrificing quality or performance. And with LightForm™, there is no mounting or tooling required, so you also save time and money. In fact, the ultra-thin structure is the most flexible, lightweight, low-profile LED lighting product available today.

As we've proven time and time again, Grote remains committed to lighting your path to tomorrow.





# If you specify a Total Grote Lighting System, it is probable you will never incur unplanned maintenance caused by lighting.

## GROTE LED WORK LAMPS: HIGH OUTPUT, ULTRA RUGGED

Except for a catastrophic incident such as an accident, physical contact damage, or damage from a tire tread delamination, you should not incur unplanned downtime caused by lighting failure if you follow simple procedures during initial equipment acceptance and avoid certain practices that compromise the equipment.

### The beneficial bottom line savings of Investment Grade Lighting will be significant.

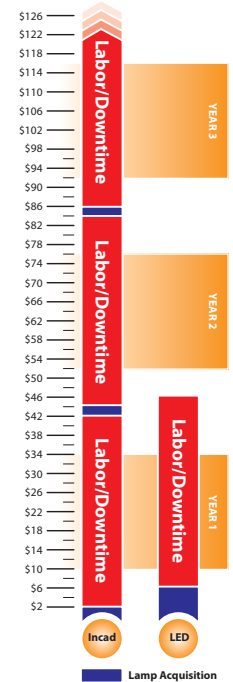
A 1,000 trailer fleet has 4,000 stop/tail/turn lamps in circulation. At a 3.5 year average life expectancy per bulb, divided by 365 days per year, that fleet will experience approximately 3 failures per day. Calculate that with your maintenance and lost load time and you will quickly begin to understand the significance.

### Grote will instruct your fleet maintenance team free of charge using the Grote Know-How™ Program.

#### Expect These Results:

- If you replace incandescent lighting, Grote guarantees a dramatic reduction in lighting-caused CSA points.
- In ten years, you will save approximately four times the cost of the entire lighting package.

#### Real Cost of Ownership Incandescent vs. LED



## ACHIEVING A NO/LOW MAINTENANCE PROGRAM

### Grote prevents system failure due to corrosion with a three-step process.

#### 1. Advanced System Design

Grote's system approach to truck lighting has resulted in lamp, harness, and power cord designs that are superior to any others on the market. They are all designed to permanently lock out corrosion.

#### 2. Fail-safe OEM Assembly

Grote works with leading OEM trailer manufacturers to eliminate conditions that cause fleet maintenance issues such as harness abrasion and flexing, high temperature problems, and poor component placement – all possible corrosion issues.

#### 3. Correct Lighting Maintenance Practices

Grote can provide your fleet maintenance staff training on how to prevent corrosion in your lighting system, identify maintenance procedures that can maximize lighting system longevity, and eliminate unplanned downtime to maximize fleet productivity and profitability.

### Improve and Protect Your CSA Rating

#### Lamp and wiring malfunctions are a leading contributor to poor CSA scores.

Six points for a malfunctioning stop/tail/turn lamp, for instance. Poor CSA scores and high maintenance costs usually go hand in hand. If your lighting acquisition strategy is based on low initial cost, you'll probably end up with higher overall lighting costs – and most likely a higher CSA score.

That's why one of the best investments you can make in the profitability of your company is to use only Grote Investment Grade LED lamps, harnesses, and power cords – products that vastly outperform and outlast products from bargain basement suppliers.

Grote only provides Investment Grade products – that's why our products are worth your investment.

# Grote LED Lighting Portfolio™

SUPERNOVA

## High Performance

LED



### SuperNova®

SuperNova® high-performance LED lamps:

- Are lightweight; the new NexGen™ lamps weigh 50% less than the major competitor lamps
- Require one-eighth the amperage needed to drive an incandescent lamp
- Include solid-brass terminals in male-pin and hard-shell configurations, for a more secure connection and maximum protection against corrosion
- Feature specially formulated encapsulant potting that seals out moisture and dirt, improving reliability and longevity
- Fit all Grote brackets and grommet mounting options
- Feature a hermetic lens-to-housing seal that prevents moisture intrusion
- Come with a 10-year warranty when configured with male-pin or hard-shell connectors and a 3-year warranty when configured with hardwire connectors



Male Pin



Hard Shell



## High Style

LED



### Hi Count®

Hi Count® high-style LED lamps:

- Are the highest visibility LED lamps around
- Offer premium styling and maximum diode count
- Come with standard female-pin terminations and stop / tail / turn lamps accept all popular incandescent plug-in connectors
- Feature built-in attitude
- Fit all popular mountings and grommets
- Come with a 2-year warranty



Female Pin

Grote Select™

## High Value

LED



### Grote Select™

Grote Select™ high-value LED lamps:

- Incorporate the latest LED technology and offer much longer life than incandescent lamps
- Provide faster light-on response times that increase stopping alert distances
- Have low power requirements, making more voltage available to other systems
- Require less maintenance on your electrical system
- Make use of existing wiring / pigtails for retrofit purposes
- Employ surface-mount electronics for cost-effective reliability
- Use specifically formulated encapsulated circuitry that provides protection against the elements
- Have hermetic lens-to-housing seal preventing moisture intrusion
- Look like incandescents, so they are not prone to theft
- Fit all Grote brackets and grommet mounting options
- Come with a 2-year warranty and Grote's exclusive Performance Advantage™ Plus Extended Warranty Program (when Grote Select™ are installed with Grote's UBS™ pigtail connectors)



Female Pin

Want more information for a specific lamp?

Scan or go to:  
<http://www.grote.com/SignalProducts/>





# Grote LED Work Lamps: High Output, Ultra Rugged

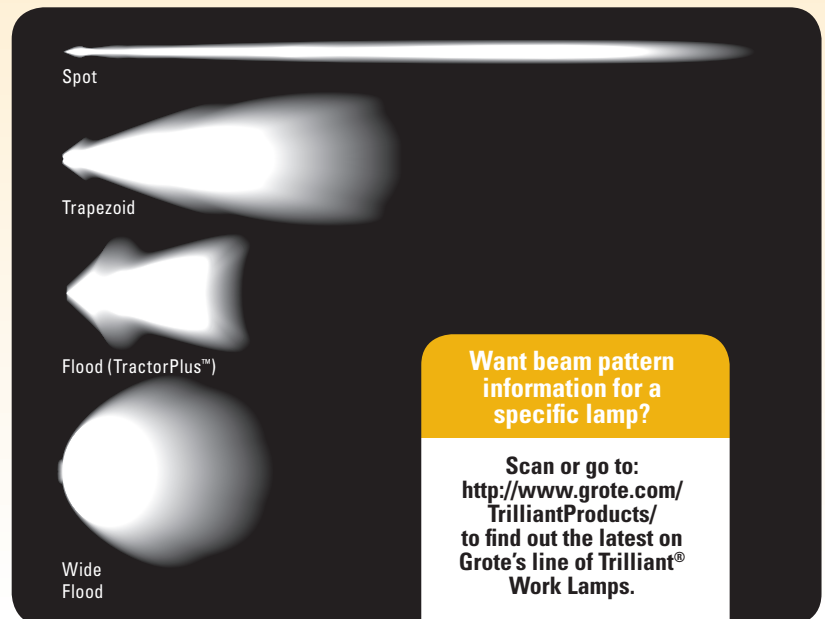
## WHEN THE WORK JUST HAS TO GET DONE

**High Output:** Advanced LED technology plus sophisticated reflector optics waste less light, put more usable light on the task.

**Ultra Rugged:** Field tested to excel in brutal off-road conditions. SAE J575E-compliant designs protect against vibration, corrosion, moisture, dust, and most direct impacts.

**Color Temperature Optimized for Productivity:** Noon time sun-like color temperature output allows work crews to do better work over longer periods of time without eye fatigue.

**Ready for Anything:** Grote work lamps provide superior performance on mining, construction, off road, agriculture, utility, and emergency vehicles.



Want beam pattern information for a specific lamp?

Scan or go to:  
<http://www.grote.com/TrilliantProducts/>  
to find out the latest on Grote's line of Trilliant® Work Lamps.



# Grote LED Interior Lamps Provide the Right Kind of Light With a Full Range of Fixtures

## Full Range of Features

LED technology models provide 50,000 hours of operation, low power draw (use 70% less power than incandescents), moisture and vibration protection, plus built-in automatic thermal protection.

## Full Range of Styles

Low profile and recessed mount models maximize head and storage room. Many rectangular and circular styles to choose from. Custom shapes for specialized lighting requirements – stepwell, courtesy, compact, rope, beehive, map; some with manual, automatic, or sensor-driven switch-off features.



Want more information for a specific lamp?

Scan or go to:  
<http://www.grote.com/InteriorProducts/>



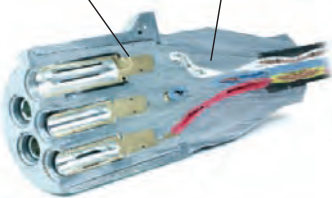
# UltraLink™ Power Cords: Superior Power Delivery

GROTE'S ULTRALINK™ CORDS PROVIDE MAXIMUM RELIABILITY IN THE HARSHTEST ENVIRONMENTS.

## Plug Design

Solid brass nickel-plated pins

Crush resistant weather-tight elastomeric material



## Cable-to-Plug Seal

Wire jacket is molded into the plug sealing it from the elements and eliminating the need for a spring



## Crush Resistant

Grote's UltraLink's crush-resistant design can survive being run over by a heavy duty vehicle while conventional hollow core designs are permanently deformed and rendered useless.



Want more information?

Scan or go to:  
<http://www.grote.com/PowerCordProducts/>





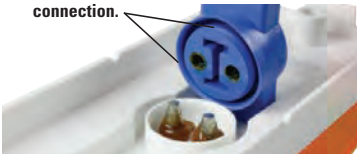
# Grote UBS™ Harness Systems: Designed to Prevent Unplanned Downtime

GROTE'S UBS HARNESS SYSTEMS ARE DESIGNED TO PREVENT UNPLANNED DOWNTIME OVER THE LIFE OF THE VEHICLE. THEY'RE MODULAR FOR FLEXIBILITY AND TOTALLY SEALED TO LOCK OUT THE CORROSION FOUND IN TODAY'S HIGHWAY ENVIRONMENT.

## Grote's Double Seal Advantage

The Double Seal is a molded-in circular ring in each connector that corresponds to a mating ring on the lamp.

The inner sealing ring covers the terminal area. The outer ring double seals around the outside area of the lamp plug connection.



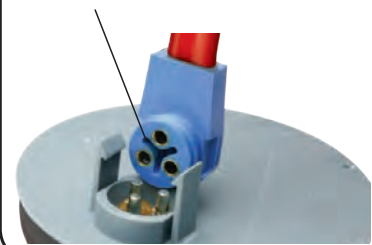
## Avoid Corrosion

Our exclusive locking collar prevents accidental disconnects, allows for dielectric grease applications and provides a means of securing the connection to the trailer.



## Grote's Male Pin Termination

Center grease reservoir protects against hydraulic pressure forcing connection open.

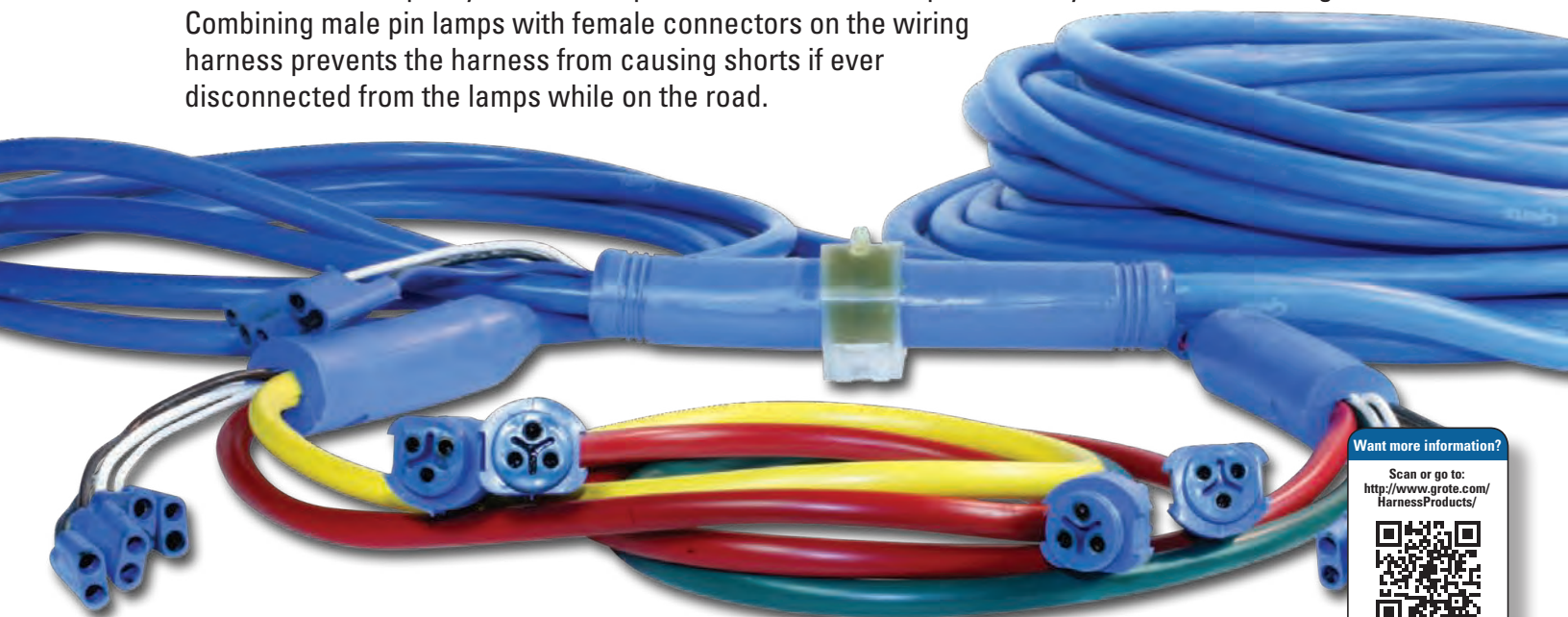


## Locks Out Corrosion

Grote's UBS harness system is so corrosion resistant it may never need service in normal use. Both within harness and at critical harness/lamp connection, Grote's patented Double Seal design provides complete and permanent protection from moisture and contamination. Solid, spun-brass terminals are tin-plated for maximum durability and corrosion resistance.

## Prevents Dangerous Short Circuits

Grote's UBS male pin system is accepted in the market as superior to any other harness design. Combining male pin lamps with female connectors on the wiring harness prevents the harness from causing shorts if ever disconnected from the lamps while on the road.



Want more information?

Scan or go to:  
[http://www.grote.com/  
HarnessProducts/](http://www.grote.com/HarnessProducts/)



# Grote Knows Lighting

**GROTE KNOWS OPTIMUM PERFORMANCE IS CRITICAL IN TODAY'S RUGGED, HARSH AND DEMANDING ENVIRONMENTS. THAT'S WHY GROTE OFFERS A COMPLETE LINE OF ELECTRICAL CONNECTIONS AND ACCESSORIES.**

**With over 3000 parts available,** Grote is the **ONLY** full line lighting supplier that offers everything needed to connect and protect vehicle lighting and electrical systems. Grote's complete line of terminals and connectors, wire and cable products, and protective and support items as well as switches and electrical assemblies, trailer connectors, battery connectors and cables and tools, gives you everything you need to meet the repair, maintenance and installation needs of today's vehicles.

**Professionals choose Grote** products to ensure top performance and professional results. Quality lighting and electrical connections and accessories....**Grote's got it!**



Want more information?

Scan or go to:  
<http://www.grote.com/Accessories/>





# Grote Customer Service: Our Well-Known Secret Weapon



Grote prides itself on its cordial customer relationships. Our customers regularly comment on how easy it is to do business with us. Our Customer Service operation enjoys its well-deserved reputation within our served industries. Over 300 calls per day are handled concerning product information, shipping support and tracking, order placement, warranties, and product technical support.



## Welcome to G24-7:

<http://orders.grote.com/>

Grote Industries is pleased to announce the launch of the new G24/7 system. This complimentary system is an innovative way to place orders, track order status and report on all your Grote product activity.

From the convenience of your computer you can now access previously unavailable information that will help you more successfully manage your business and inventory.

To set up your account today, visit <http://orders.grote.com/>

For technical assistance contact Grote Customer Service 1-800-628-0809 x. 400



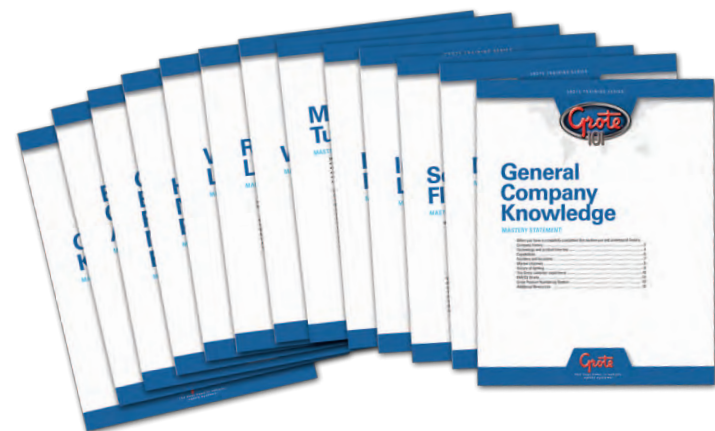
## Grote 101: The First Comprehensive Transportation Lighting Training Program

Now, for the first time, Grote brings its industry-leading technology, product, and training expertise to its commercial partners with a unique thirteen-module program designed to help your organization excel in providing the very best lighting using Grote equipment.

### Now you can:

- Help your company provide superior value-add to your customers
- Make your company the go-to organization for all your customers' lighting needs
- Understand the regulations that impact your customers' businesses
- Increase your customers' productivity and profitability
- Decrease your customers' downtime

The more your customers know about truck and trailer lighting the more they'll prefer Grote lighting products and support.



# Model Number Index

Index de Numéros de Pièces Índice por familia / número de parte

## Grote Product Numbering System

Grote uses a meaningful product numbering system that makes it possible to quickly locate the correct product and verify the correct product has been selected. The typical Grote part number contains five digits, followed by a hyphen, followed by a single digit. Here's what it all means.

The first four digits or alpha characters (00000-0) indicate the product category.

0000 Displays  
 4000 Reflectors  
 4210 Brackets and Permit Holders  
 4400 Switches  
 4450 Flashers  
 4500 Clearance/Marker/Cab/ID or Bar Lamps  
 4600 Clearance/Marker/Cab/ID or Bar Lamps  
 4700 Clearance/Marker/Cab/ID or Bar Lamps  
 4800 Turn Signal Switch  
 4900 Clearance/Marker/Cab/ID or Bar Lamps  
 5000 Combination STT or single function turn lamps  
 5100 Combination STT or single function turn lamps  
 5200 Combination STT or single function turn lamps  
 5300 Combination STT or single function turn lamps  
 5400 Combination STT or single function turn lamps  
 5500 Combination STT or single function turn lamps  
 5600 Combination STT or single function turn lamps  
 5700 Combination STT or single function turn lamps  
 5800 Combination STT or single function turn lamps  
 5900 Combination STT or single function turn lamps  
 6000 License Lamp/Courtesy Lamps  
 6100 Dome/Map/Stepwell  
 6200 Backup lamps  
 6300 Flood/Fog/Tractor/Driving Lamp  
 6400 Flood/Fog/Tractor/Driving Lamp  
 6500 Boat Kits  
 6600 Spliceless Harness System  
 6700 Wire Kits/Pigtail and wire ass'y European System  
 6750 Rear Sills  
 6800 Wire Kits/Pigtails  
 6850 Main Harnesses  
 6900 T/S harness Kits  
 7000 Flags  
 7100 Flares  
 7200 Fuses and Horns  
 7300 Backup Alarms  
 7600 Roto Beacons  
 7700 School Bus  
 7800 Warning  
 8200 Military Lamps  
 8300 Military Lamps  
 8500 Automotive Replacement lenses  
 8600 Automotive Replacement lenses  
 8700 Cable Assemblies  
 8720 7 Way Plug and Socket  
 8730 7 Way Plug and Socket

8740 Spring  
 8750 Inserts used on 6/7 plug and sockets  
 8760 Boots  
 8770 Replacement motors and elec. Equip.  
 9000 Lens Assemblies  
 9800 Misc. Packaged Items  
 9900 Misc. Packaged Items

The next digit or alpha character (00000-0) indicate the product color or finish.

Lens	Finish
0 2 colors	
1 Clear, white or moonstone	1 White
2 Red	2 Black
3 Yellow	3 Chrome/Stainless Steel
4 Green	4 Aluminum
5 Blue	5 Zinc

The sixth digit (00000-0) indicates packaging.

0 Item only  
 1 Ind. Display  
 2 Ind. Plain  
 3 Bulk  
 4 Pair Pack  
 5 Bubble Pack, Display Pack, Clam Shell or Retail Pack (Crystal-Pack or Slide Lock)  
 6 Fleet Pack  
 7 Multiple Pack (Kit)

The absence of the sixth digit indicates product is in standard shelf packaging, e.g., individual pack or polybag, and in the case of lenses a standard shelf pack will have 6 to 12 to a container. Refer to your price sheet for exact quantity and other pack types.

### Reference Notes:

For each product listing we have included the latest applicable Federal Motor Vehicle Standards [FMVSS], SAE code and technical specifications. In this area we have also listed related accessory items such as Pigtails, Brackets and Grommets.

The part numbers listed are suggested items; they may not be the only alternative. However, additional part numbers that may better fit your application can be located in the Pigtails, Brackets and Grommets section.

\* Some of the foregoing marks, including those identified with an asterisk, are names or marks of third-parties who are not affiliated with Grote Industries, Inc.

**NEW** = New  
**PC** = PC lamp rating  
**ECE** = ECE  
**24** = 24 Volts  
**MULTI** = Multiple Voltage  
**RETAIL** = Retail Packaging  
**FOG** = Compliant for J583 2004

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# Featured Products

THESE PRODUCTS PROVIDE UNIQUE FUNCTIONALITY FOR HIGHER PRODUCTIVITY AND OPERATIONAL LONGEVITY.



## MicroNova® Dot Technology

Robust design allows multiple functions and applications

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## Integrated Flange LED Stop/Tail/Turn Lamps

Unique mounting allows for cost effective mounting solutions

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## Trilliant® Cube and Oval 2500 Lumen LED Work Lamps

LED performance in new, rugged packages that combine total mounting flexibility, small size, and powerful performance

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## SuperNova® Oval Side Turn/Marker LED Lamps

Mounting flexibility and added user visibility

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## Grote Class I LED Beacons and Light Bars

Designed for optimal lighting for a wide range of application needs

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## Interior lamps with motion sensing technology

Cutting edge circuitry allows added service features

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## UltraLink™ Power Cords

Robust engineering for long, problem-free service life

Page 174



# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

## MICRONOVA® DOT LED CLEARANCE/MARKER LAMP

Available in PC and P2 versions with .180 bullet connectors • Sleek aerodynamic styling extends less than 3/8" from mounted surface • No fasteners required

**49322** Red, w/ Grommet

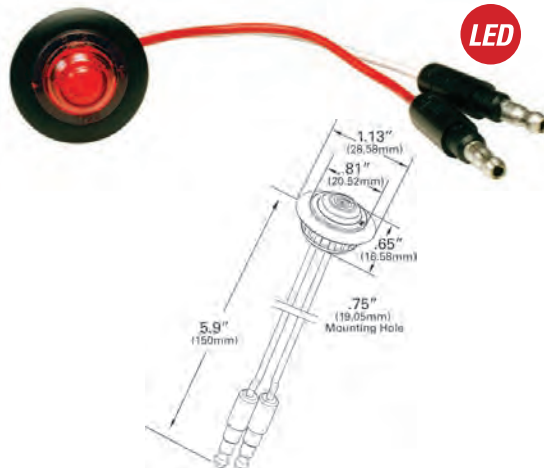
**PC RATED:**

- 49332** Red, w/ Grommet **PC NEW**
- 49333** Yellow, P2/PC w/ Grommet **PC NEW**
- 49412** Red, w/ Adapter Bracket **PC NEW**
- 49413** Yellow, w/ Adapter Bracket **PC NEW**

**ECE RATED:**

- 49341** White, w/ Grommet **ECE NEW**
- 49342** Red, w/ Grommet **ECE NEW**
- 49343** Yellow, w/ Grommet **ECE NEW**
- 49351** White, w/ Grommet **24 ECE NEW**
- 49352** Red, w/ Grommet **24 ECE NEW**
- 49353** Yellow, w/ Grommet **24 ECE NEW**

Material: Acrylic  
 FMVSS: P2, P3, PC, ECE  
 Finish: Red, Yellow, White  
 Volts / Amps: 12V / .05A; Volts / Amps: 24V / .05A  
 Brackets: 42110, 42270, 94350

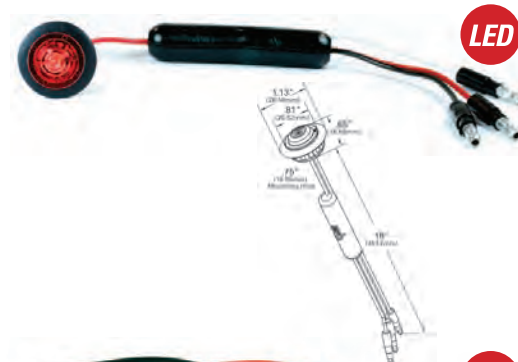


## DUAL INTENSITY MICRONOVA® DOT LED CLEARANCE/MARKER LAMP

Dual Intensity allows for better visibility • Hermetic lens-to-housing seal • Encapsulant potting for total circuit board protection against vibration and corrosion • Sleek aerodynamic styling, small size fits in narrow applications

- 49362** Red, w/ Grommet, Slim-Line **NEW**
- 49363** Yellow, w/ Grommet, Slim-Line **NEW**

Material: Acrylic  
 FMVSS: P2  
 Finish: Red/ Black ; Yellow/ Black  
 Volts / Amps: 12V / .05A



## MICRONOVA® LED CLEARANCE/MARKER LAMP

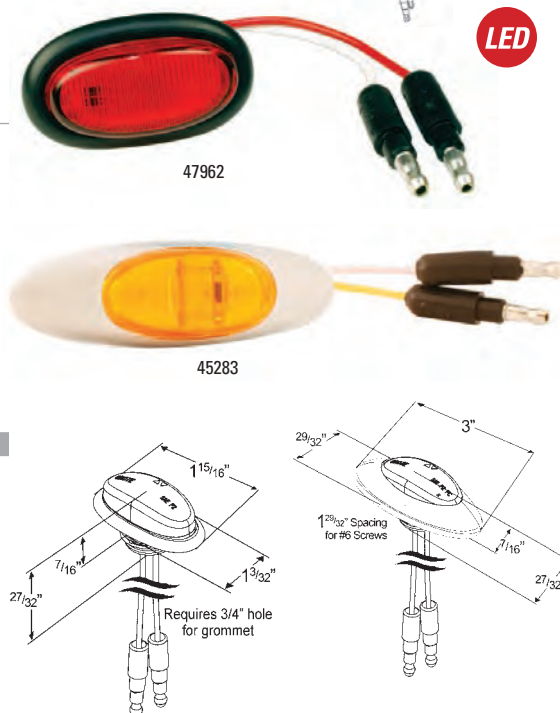
Low profile makes lamp less susceptible to damage • Small size fits narrow applications • Hermetic lens-to-housing seal • Encapsulant potting for total circuit board protection against vibration and corrosion • All versions meet PC requirements when mounted at 45° angle

- 47952** Red, w/ Chrome Bezel
- 47982** Red, Clear Lens w/ Chrome Bezel
- 47953** Yellow, w/ Chrome Bezel
- 47983** Yellow, Clear Lens w/ Chrome Bezel
- 47962** Red, w/ Grommet
- 47963** Yellow, w/ Grommet

**PC RATED:**

- 45282** Red, w/ Chrome Bezel **PC**
- 45283** Yellow, w/ Chrome Bezel **PC**
- 47972** Red, w/ Grommet **PC**
- 47973** Yellow, w/ Grommet **PC**

Material: Polycarbonate / ABS  
 FMVSS: P2, PC  
 Finish: Red / Yellow / Chrome  
 Volts / Amps: 12V / .05A  
 Accessory: Bezel Chrome 93803; Mounting Gasket: 94220  
 Bracket: 42110



# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálíbo / Demarcadora



## DUAL INTENSITY MICRONOVA® LED CLEARANCE/MARKER LAMP

Dual Intensity enhances signaling visibility and safety • Hermetic lens-to-housing seal • Encapsulant potting for total circuit board protection against vibration and corrosion • Small size fits in narrow applications • Grommet mount versions have no exposed fasteners

- |              |                                    |            |
|--------------|------------------------------------|------------|
| <b>49372</b> | Red, w/ Grommet, Slim-Line .180    | <b>NEW</b> |
| <b>49373</b> | Yellow, w/ Grommet, Slim-Line .180 | <b>NEW</b> |
| <b>49382</b> | Red, w/ Grommet, Standard .180     | <b>NEW</b> |
| <b>49383</b> | Yellow, w/ Grommet, Standard .180  | <b>NEW</b> |

Material: Polycarbonate  
 FMVSS: P2  
 Finish: Red, Yellow  
 Volts / Amps: 12V / .05A  
 Accessory: Mounting Gasket: 94220  
 Brackets: 42110, 42112



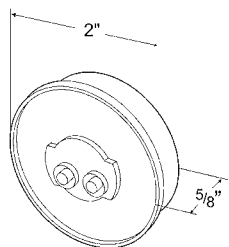
## SUPERNOVA® 2" LED CLEARANCE/MARKER LAMP

Encapsulant potting for total circuit board protection • Hermetic lens-to-housing seal • Uses same UBS double-seal pigtail as incandescent for quick Plug-and-Go® retrofit • Tin-plated, solid-brass terminals are sealed to housing to resist corrosion and eliminate failure causing leak paths

- |              |        |               |
|--------------|--------|---------------|
| <b>47112</b> | Red    |               |
| <b>47113</b> | Yellow |               |
| <b>47332</b> | Red    | <b>24VOLT</b> |
| <b>47333</b> | Yellow | <b>24VOLT</b> |
| <b>46132</b> | Red    | <b>PC</b>     |
| <b>46133</b> | Yellow | <b>PC</b>     |

**ABS LAMP:**  
**78433** Yellow

Material: Polycarbonate  
 FMVSS: P2  
 Finish: Red/Yellow  
 Volts / Amps: 12V / .06A  
 Volts / Amps: Red - 24V / .03A  
 Volts / Amps: Yellow - 24V / .04A  
 Bracket: 43690, 49140, 43150, 43152, 43153, 43532, 43760, 42180, 42190  
 Grommet: 92120, 92150, 93760  
 Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840



# Clearance/Marker Lamps

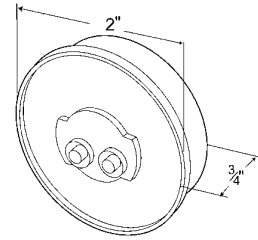
Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

## HI COUNT® 2" 9-DIODE LED CLEARANCE/MARKER LAMP

Hermetic lens-to-housing seal • Uses the same UBS double-seal pigtail as our incandescent version for a quick Plug-and-Go® retrofit • Twist-on mounting for easy installation • Fits all popular mountings and grommets

<b>G3002</b>	Red	
<b>G3002-5</b>	Red	<b>RETAIL</b>
<b>G3003</b>	Yellow	
<b>G3003-5</b>	Yellow	<b>RETAIL</b>

Material: Polycarbonate  
 FMVSS: P2  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .09A  
 Bracket: 43690, 49140, 43150, 43152, 43153, 43532, 43760, 42180, 42190  
 Grommet: 92120, 92150, 93760  
 Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840



## 2" CLEARANCE/MARKER LAMP

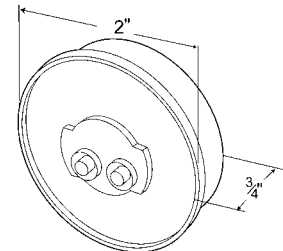
Hermetic lens-to-housing seal • Twist-on mounting for easy installation • Fits all popular mountings and grommets • 12-Volt version features a 12,000+ hour bulb • All versions meet PC requirements when mounted at a 45° angle, recommended bracket 43690

<b>45822</b>	Red	<b>PC</b>
<b>45822-5</b>	Red	<b>RETAIL PC</b>
<b>45823</b>	Yellow	<b>PC</b>
<b>45823-5</b>	Yellow	<b>RETAIL PC</b>
<b>45202</b>	Red	<b>24 VOLT PC</b>
<b>45203</b>	Yellow	<b>24 VOLT PC</b>

<b>KITS:</b>		
<b>45062</b>	Red (45822 + 92120 + 67050)	<b>PC</b>
<b>45063</b>	Yellow (45823 + 92120 + 67050)	<b>PC</b>
<b>45562</b>	Red (45822 + 43150)	<b>PC</b>
<b>45563</b>	Yellow (45823 + 43150)	<b>PC</b>

<b>ABS LAMP:</b>		
<b>78333</b>	Yellow	<b>PC</b>

Material: Polycarbonate  
 FMVSS: P2, P3, PC, PC2  
 Finish: Red / Yellow  
 Bulb: 2 CP  
 Volts / Amps: 12V / .33A  
 Bulb: 3 CP  
 Volts / Amps: 24V / .17A  
 Bracket: 43690, 49140, 43150, 43152, 43153, 43532, 43760, 42180, 42190  
 Grommet: 92120, 92150, 93760  
 Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840

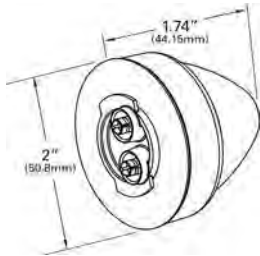




# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

LED



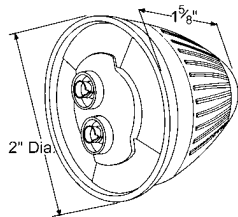
## SUPERNOVA® 2" BEEHIVE LED CLEARANCE/MARKER LAMP

Encapsulant potting for total circuit board protection • Tin-plated, solid-brass terminals are sealed to housing to resist corrosion and eliminate failure causing leak paths • Uses same UBS double-seal pigtail as incandescent for a quick Plug-and-Go® retrofit • Hermetic lens-to-housing seal

**47212** Red  
**47213** Yellow

Material: Polycarbonate  
FMVSS: P2  
Finish: Red / Yellow  
Volts / Amps: 12V / .06A  
Bracket: 43690, 49140, 43150, 43152, 43153, 43532, 43760, 42180, 42190  
Grommet: 92120, 92150, 93760  
Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840

LED



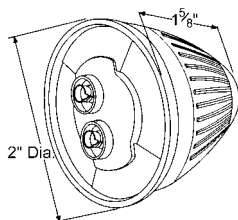
## HI COUNT® 2" 9-DIODE BEEHIVE LED CLEARANCE/MARKER LAMP

Uses the same UBS double-seal pigtail as the incandescent version for a quick Plug-and-Go® retrofit • Twist-on mounting for easy installation • Concentric, multiple diode layout • Fits all popular mountings and grommets

**G3092** Red **PC**  
**G3093** Yellow **PC**

Material: Polycarbonate  
FMVSS: P2, PC  
Finish: Red / Yellow  
Volts / Amps: 12V / .09A  
Bracket: 43690, 49140, 43150, 43152, 43153, 43532, 43760, 42180, 42190  
Grommet: 92120, 92150, 93760  
Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840

## 2" BEEHIVE CLEARANCE/MARKER LAMP



12-Volt version features a 12,000+ hour bulb • Fits popular grommet and bracket mountings • Hermetic lens-to-housing seal • Twist-on mounting for easy installation • Fits all popular mountings and grommets • Meets PC function only when mounted at a 45° angle, recommended bracket 43690

**47102** Red **PC**  
**47103** Yellow **PC**

Material: Polycarbonate  
FMVSS: P2, PC  
Finish: Red / Yellow  
Bulb: 2 CP  
Volts / Amps: 12V / .33A  
Bracket: 43690, 49140, 43150, 43152, 43153, 43532, 43760, 42180, 42190  
Grommet: 92120, 92150, 93760  
Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840

# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

## SUPERNOVA® 2 1/2" LED CLEARANCE/MARKER LAMP

Encapsulant potting for total circuit board protection • Hermetic lens-to-housing seal • Uses same UBS double-seal pigtail as incandescent version for a quick Plug-and-Go® Retrofit • Tin-plated, solid-brass terminals are sealed to housing, to resist corrosion and eliminate failure causing leak paths

<b>47122</b>	Red	
<b>47123</b>	Yellow	
<b>47202</b>	Red w/ Black, Theft-Resistant Flange	
<b>47322</b>	Red	<b>24</b> VOLT
<b>47323</b>	Yellow	<b>24</b> VOLT
<b>46142</b>	Red	<b>PC</b>
<b>46143</b>	Yellow	<b>PC</b>

<b>KITS:</b>	
<b>47472</b>	Red (47122 + 91400 + 67001)
<b>47473</b>	Yellow (47123 + 91400 + 67001)

<b>ABS LAMP:</b>	
<b>78423</b>	Yellow

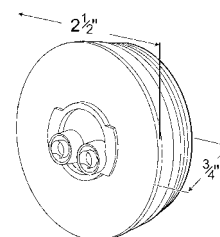
Material: Polycarbonate  
 FMVSS: P2  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .06A  
 Volts / Amps: 24V / .03A  
 Bracket: 43690, 43160, 43162, 43163, 43512, 43522, 49140, 93750, 42180, 42170  
 Grommet: 91400, 91410, 92070, 91890, 91880, 92920  
 Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840



47122



46142



## SUPERNOVA® 2 1/2" PC RATED, LED CLEARANCE/MARKER LAMP

Hermetic lens-to-housing seal • Optic lens optimizes photometric performance and broadens light pattern • Encapsulant potting for total circuit board protection • Uses same UBS double-seal pigtail as incandescent for a quick Plug-and-Go® Retrofit • Tin-plated, solid-brass terminals are sealed to housing, to resist corrosion and eliminate failure causing leak paths • Available with lamp sealed to flange, for direct mounting in the side of a trailer without creating leaks in the trailer

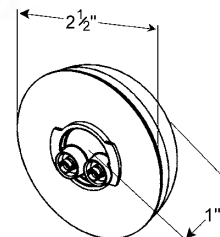
<b>47232</b>	Red	<b>PC</b>
<b>47233</b>	Yellow	<b>PC</b>

<b>SEALED FLANGE APPLICATIONS:</b>		
<b>47423</b>	Yellow w/ Black, Theft-Resistant Flange	<b>PC</b>
<b>47372</b>	Red w/ Gray, Theft-Resistant Flange	<b>PC</b>
<b>47373</b>	Yellow w/ Gray, Theft-Resistant Flange	<b>PC</b>

Material: Polycarbonate  
 FMVSS: P2, P3, PC  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .06A  
 Bracket: 43690, 43160, 43162, 43163, 43512, 43522, 49140, 93750, 42180, 42170  
 Grommet: 91400, 91410, 92070, 91890, 91880, 92920  
 Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840



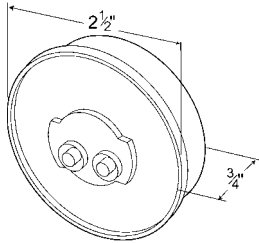
47373



# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálíbo / Demarcadora

LED



## HI COUNT® 2 1/2" LED CLEARANCE/MARKER LAMP

Hermetic lens-to-housing seal • Uses the same UBS double-seal pigtail as the incandescent version for a quick Plug-and-Go® retrofit • Twist-on mounting for easy installation • Fits all popular mountings and grommets

### OPTIC LENS:

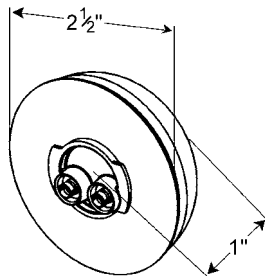
<b>G1032</b>	Red	
<b>G1032-5</b>	Red	RETAIL
<b>G1033</b>	Yellow	
<b>G1033-5</b>	Yellow	RETAIL
<b>G1042</b>	Red, Clear Lens	
<b>G1043</b>	Yellow, Clear Lens	

### BUILT-IN REFLECTOR:

<b>G1002</b>	Red
<b>G1003</b>	Yellow

Material: Polycarbonate  
 FMVSS: Optic - P2, Reflex - A, P2  
 Finish: Red / Yellow  
 Volts / Amps: Optic - 12V / .15A  
 Volts / Amps: Reflex - 12V / .13A  
 Bracket: 43690, 43160, 43162, 43163, 43512, 43522, 49140, 93750, 42180, 42170  
 Grommet: 91400, 91410, 92070, 91890, 91880, 92920  
 Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840

LED



## HI COUNT® 2 1/2" 9-DIODE LED CLEARANCE/MARKER LAMP

Hermetic lens-to-housing seal • Uses the same UBS double-seal pigtail as our incandescent version for a quick Plug-and-Go® retrofit • Twist-on mounting for easy installation • Fits all popular mountings and grommets

<b>G1092</b>	Red
<b>G1093</b>	Yellow

Material: Polycarbonate  
 FMVSS: P2  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .09A  
 Bracket: 43690, 43160, 43162, 43163, 43512, 43522, 49140, 93750, 42180, 42170  
 Grommet: 91400, 91410, 92070, 91890, 91880, 92920  
 Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840



## 2 1/2" CLEARANCE/MARKER LAMP

Hermetic lens-to-housing seal • Twist-on mounting for easy installation  
 • Fits all popular mountings and grommets • 12-Volt version features a 12,000+ hour bulb • Optic lens versions meet PC function only when mounted at a 45° angle, recommended bracket: 43690; grommets: 91880, or 91890 or 92920

### OPTIC LENS:

<b>45812</b>	Red	<b>PC</b>
<b>45812-5</b>	Red	<b>RETAIL PC</b>
<b>45813</b>	Yellow	<b>PC</b>
<b>45813-5</b>	Yellow	<b>RETAIL PC</b>
<b>45182</b>	Red	<b>24 VOLT PC</b>
<b>45183</b>	Yellow	<b>24 VOLT PC</b>

### OPTIC LENS KITS:

<b>45042</b>	Red (45812 + 91400 + 67050)	<b>PC</b>
<b>45043</b>	Yellow (45813 + 91400 + 67050)	<b>PC</b>

### BUILT-IN REFLECTOR:

<b>45832</b>	Red
<b>45833</b>	Yellow

### BUILT-IN REFLECTOR KITS:

<b>45072</b>	Red (45832 + 91400 + 67050)
<b>45073</b>	Yellow (45833 + 91400 + 67050)

### ABS LAMP:

<b>78343</b>	Yellow, Optic Lens	<b>PC</b>
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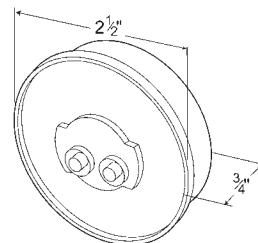
Material: Polycarbonate / Acrylic  
 FMVSS: Optic - P2, P3, PC, PC2; Reflex - A, P2, P3  
 Finish: Red / Yellow  
 Bulb: 2 CP; Volts / Amps: 12V / .33A  
 Bulb: 3 CP; Volts / Amps: 24V / .17A  
 Bracket: 43690, 43160, 43162, 43163, 43512, 43522, 49140, 93750, 42180, 42170  
 Grommet: 91400, 91410, 92070, 91890, 91880, 92920  
 Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840



45812



45833

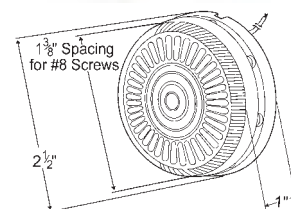


## 2 1/2" SURFACE MOUNT SINGLE-BULB CLEARANCE/MARKER LAMP

12,000+ hour bulb • Snap-on lens for easy bulb replacement • Heavy-duty 2 CP wedge-base bulb • OE replacement on Mack® MR models • Meets PC function only when mounted at a 45° angle

<b>45412</b>	Red	<b>PC</b>
<b>45412-5</b>	Red	<b>RETAIL PC</b>
<b>45413</b>	Yellow	<b>PC</b>
<b>45413-5</b>	Yellow	<b>RETAIL PC</b>

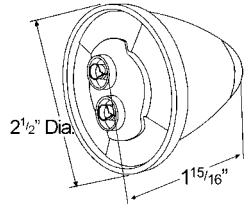
Material: Polypropylene / Acrylic  
 FMVSS: P2, PC  
 Finish: Yellow  
 Bulb: #193, 2 CP  
 Volts / Amps: 12V / .33A  
 Lens: Red 90162, Yellow 90163



# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

LED



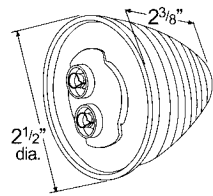
## SUPERNOVA® 2 1/2" BEEHIVE LED CLEARANCE/MARKER LAMP

Encapsulant potting for total circuit-board protection • Tin-plated, solid-brass terminals are sealed to resist corrosion and eliminate failure-causing leak paths • Uses same UBS double-seal pigtail as incandescent for a quick Plug-and-Go® retrofit • Hermetic lens-to-housing seal

**47222** Red  
**47223** Yellow

Material: Polycarbonate  
FMVSS: P2  
Finish: Red / Yellow  
Volts / Amps: 12V / .06A  
Bracket: 43690, 43160, 43162, 43163, 43512, 43522, 49140, 93750, 42180, 42170  
Grommet: 91400, 91410, 92070, 91890, 91880, 92920  
Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840

LED



## HI COUNT® 2 1/2" 13-DIODE BEEHIVE LED CLEARANCE/MARKER LAMP

Hermetic lens-to-housing seal • Twist-on mounting for easy installation  
• Fits all popular mountings and grommets

**G1082** Red  
**G1083** Yellow

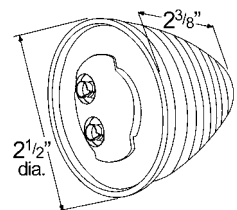
Material: Polycarbonate  
Reflective: P2  
Finish: Red / Yellow  
Volts / Amps: 12V / .09A  
Bracket: 43690, 43160, 43162, 43163, 43512, 43522, 49140, 93750, 42180, 42170  
Grommet: 91400, 91410, 92070, 91890, 91880, 92920  
Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840

## 2 1/2" BEEHIVE CLEARANCE/MARKER LAMP

Hermetic lens-to-housing seal • Twist-on mounting for easy installation  
• Fits all popular mountings and grommets • Meets PC function only when mounted on a 45° angle

**45322** Red **PC**  
**45323** Yellow **PC**

Material: Polycarbonate  
Reflective: P2, PC  
Finish: Red / Yellow  
Bulb: 2 CP  
Volts / Amps: 12V / .33A  
Bracket: 43690, 43160, 43162, 43163, 43512, 43522, 49140, 93750, 42180, 42170  
Grommet: 91400, 91410, 92070, 91890, 91880, 92920  
Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840

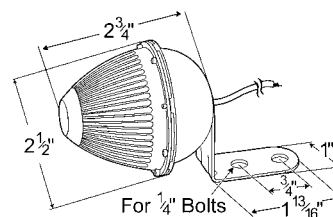


## BEEHIVE CLEARANCE/MARKER LAMP WITH FIXED-ANGLE MOUNTING BRACKET

Wide light diffusion optic design • Fade-resistant, snap-on acrylic lens  
 • Bracket is permanently attached • Meets PC function only when mounted at a 45° angle

<b>45022</b>	Red	<b>PC</b>
<b>45022-5</b>	Red	<b>RETAIL PC</b>
<b>45023</b>	Yellow	<b>PC</b>
<b>45023-5</b>	Yellow	<b>RETAIL PC</b>

Material: ABS / Steel / Acrylic  
 FMVSS: P2, PC  
 Finish: Red / Yellow  
 Bulb: #67, 4 CP  
 Volts / Amps: 12V / .59A  
 Lens: Yellow 90303

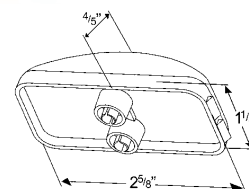


## SUPERNOVA® LED CLEARANCE/MARKER LAMP

Encapsulant potting for total circuit board protection • Hermetic lens-to-housing seal • Tin-plated, solid-brass terminals are sealed to housing, to resist corrosion and eliminate failure causing leak paths • Uses the same UBS double-seal pigtail as incandescent for a quick Plug-and-Go® retrofit

<b>47082</b>	Red
<b>47083</b>	Yellow

Material: Polycarbonate  
 FMVSS: P2  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .06A  
 Bracket: 43370, 43970, 43980, 42131, 42141, 94233, 43380  
 Grommet: 91380  
 Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840

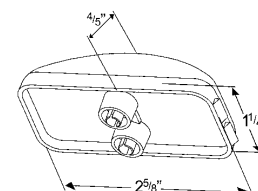


## HI COUNT® 3-DIODE LED CLEARANCE/MARKER LAMP

Hermetic lens-to-housing seal • Uses the same UBS double-seal pigtail as the incandescent version for a quick Plug-and-Go® retrofit • Fits popular mountings and grommets

<b>G1502</b>	Red
<b>G1503</b>	Yellow

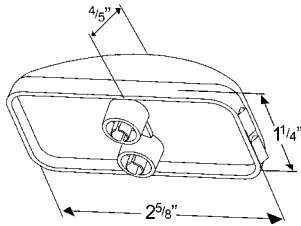
Material: Polycarbonate  
 FMVSS: P2  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .06A  
 Bracket: 43370, 43970, 43980, 42131, 42141, 94233, 43380  
 Grommet: 91380  
 Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840





# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora



## CLEARANCE/MARKER LAMP

Hermetic lens-to-housing seal • 12-Volt version features a 12,000+ hour bulb • Uses double-seal UBS pigtail • Rectangular shape fits narrow applications • Meets PC function only when mounted at a 45° angle, recommend bracket 43370 or 43380

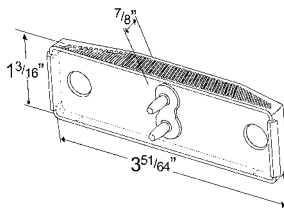
<b>46412</b>	Red	<b>PC</b>
<b>46412-5</b>	Red, Pair Pack	<b>RETAIL PC</b>
<b>46413</b>	Yellow	<b>PC</b>
<b>46413-5</b>	Yellow, Pair Pack	<b>RETAIL PC</b>

### KITS:

<b>46422-5</b>	Red (43980 + 67050)	<b>PC</b>
<b>46423-5</b>	Yellow (43980 + 67050)	<b>PC</b>

Material: Polycarbonate  
 FMVSS: P2, PC  
 Finish: Red / Yellow  
 Bulb: 2 CP; Volts / Amps: 12V / .33A; Bulb: 3 CP; Volts / Amps: 24V / .17A  
 Bracket: 43370, 43970, 43980, 42131, 42141, 94233, 43380  
 Grommet: 91380;  
 Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840

**LED**



## SUPERNOVA® LED CLEARANCE/MARKER LAMP

Encapsulant potting for total circuit board protection • Hermetic lens-to-housing seal • Advanced pin connection system • Uses same UBS pigtail as incandescent for a quick Plug-and-Go® retrofit • PC rated lamps meet PC function only when mounted at a 45° angle, recommend bracket 43850

### P2 RATED::

<b>47092</b>	Red
<b>47093</b>	Yellow

### KITS:

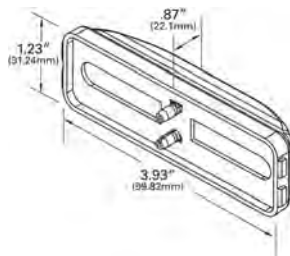
<b>65202</b>	Red (47092 + 43850)
<b>65203</b>	Yellow (47093 + 43850)

### PC RATED:

<b>47492</b>	Red	<b>PC</b>
<b>47493</b>	Yellow	<b>PC</b>

Material: Polycarbonate  
 FMVSS: P2, PC  
 Finish: Red / Yellow  
 Volts / Amps: P2 Rated - 12V / .06A; PC Rated - 12V / .12A  
 Accessory: Lamp Guard: 43120  
 Bracket: 43780, 43783, 43850  
 Pigtail: 66982, 66980, 66981

**LED**



## HI COUNT® 3-DIODE LED CLEARANCE/MARKER LAMP

Hermetic lens-to-housing seal • Uses the same UBS double-seal pigtail as the incandescent version for a quick Plug-and-Go® retrofit • Fits all popular mountings and grommets

<b>G1902</b>	Red	
<b>G1902-5</b>	Red	<b>RETAIL</b>
<b>G1903</b>	Yellow	
<b>G1903-5</b>	Yellow	<b>RETAIL</b>
<b>G1913</b>	Yellow, Clear Lens	

Material: Polycarbonate  
 FMVSS: P2  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .06A  
 Accessory: Lamp Guard: 43120; Bracket: 43780, 43783, 43850  
 Pigtail: 66982, 66980, 66981

## CLEARANCE/MARKER LAMP

Rectangular, double bulb lamp • 12-Volt version features a 12,000+ hour bulb • Narrow mounting applications • Hermetic lens-to-housing seal • PC rated lamps meets PC function only when mounted at a 45° angle, recommended bracket 43850

46742	Red	<b>PC</b>
46742-5	Red	<b>RETAIL PC</b>
46743	Yellow	<b>PC</b>
46743-5	Yellow	<b>RETAIL PC</b>
45142	Red	<b>24 VOLT PC</b>
45143	Yellow	<b>24 VOLT PC</b>

### KITS:

45092	Red (46742 + 43850)	<b>PC</b>
45093	Yellow (46743 + 43850)	<b>PC</b>

### ABS LAMP:

78393	Yellow	<b>PC</b>
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### SPLIT LENS COLOR

46740	Red & Yellow
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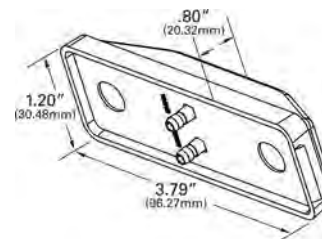
Material: Polycarbonate  
 FMVSS: Red and Yellow - P2, P3, PC, PC2, Split Lens - P2  
 Finish: Red / Yellow  
 Bulb: (2) 2 CP  
 Volts / Amps: 12V / .66A  
 Bulb: (2) 3 CP  
 Volts / Amps: 24V / .34A  
 Accessory: Lamp Guard: 43120  
 Bracket: 43780, 43783, 43850  
 Pigtail: 66980, 66982, 66981



46743



46740



## 2 1/2" OVAL LED CLEARANCE/MARKER LAMP

Surface mount design for easy installation • Sealed lamps provide better protection from moisture intrusion • Self-grounding eyelet grounds lamp when attached to metal plate

45002-5	Red	<b>RETAIL</b>
45003-5	Yellow	<b>RETAIL</b>
45242-5	Red, Clear Lens	<b>RETAIL</b>
45243-5	Yellow, Clear Lens	<b>RETAIL</b>

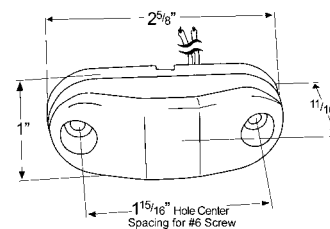
### SELF GROUNDING:

47012	Red
47013	Yellow

Material: Polycarbonate  
 FMVSS: P2, P3  
 Finish: Red/Yellow  
 Volts / Amps: 12V / .05A



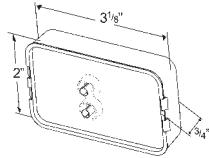
**LED**



# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálíbo / Demarcadora

LED



## SUPERNOVA® LED CLEARANCE/MARKER LAMP WITH BUILT-IN REFLECTOR

Encapsulant potting for total circuit board protection • Hermetic lens-to-housing seal • Tin-plated, solid-brass terminals are sealed to housing, to resist corrosion and eliminate failure causing leak paths • Fits popular grommets and pigtails • OE replacement for Knapheide®

**47502** Red  
**47503** Yellow

Material: Polycarbonate / Acrylic  
FMVSS: A, P2  
Finish: Red / Yellow  
Volts / Amps: 12V / .06A  
Grommet: 93400, 93402  
Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840

## CLEARANCE/MARKER LAMP WITH BUILT-IN REFLECTOR

Fits popular grommets, pigtails and harnesses • OE replacement for Knapheide® • Hermetic lens-to-housing seal • 12,000+ hour bulb

**45232** Red  
**45233** Yellow

Material: Polycarbonate / Acrylic  
FMVSS: A, P2  
Finish: Red / Yellow  
Bulb: 2 CP; Volts / Amps: 12V / .33A  
Grommet: 93400, 93402  
Pigtail: 66851, 67001, 66850, 66801, 67050, 66800, 66840

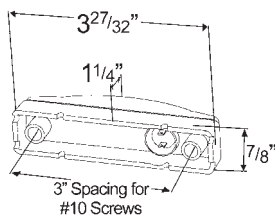
LED



47243



47462



## SUPERNOVA® 3" THIN-LINE LED CLEARANCE/MARKER LAMP

3" mounting center • Field-replaceable lens • Encapsulant potting for total circuit board protection • Anti-torque design protects against over tightening and lens cracking • Wire exit holes at ends allow for flow-through harnessing • PC rated lamps meet PC function only when mounted at a 45° angle

**47242** Red  
**47243** Yellow  
**47362** Red   
**47363** Yellow 

### KITS:

**65512** Red (47242 + 66930)  
**65513** Yellow (47243 + 66930)

### PC RATED:

**47462** Red   
**47463** Yellow 

### ABS LAMP:

**78453** Yellow

Material: Polycarbonate  
FMVSS: P2, PC  
Finish: Red / Yellow  
Volts / Amps: 47242, 47243, 78453 - 12V / .06A  
Volts / Amps: 47462, 47463 - 12V / .12A  
Volts / Amps: Red - 24V / .03A; Yellow - 24V / .04A  
Bracket: 43230  
Pigtail: 66931, 66930, 66932



# Clearance/Marker Lamps

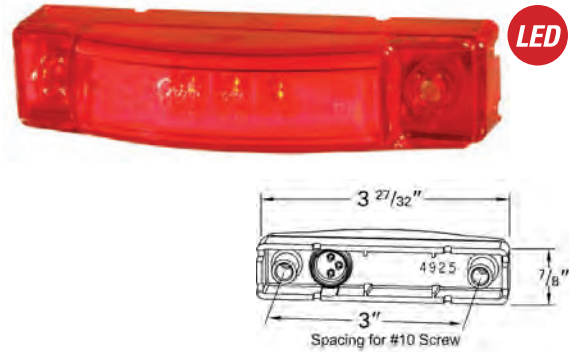
Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

## SUPERNOVA® 3" THIN-LINE DUAL INTENSITY LED CLEARANCE/MARKER LAMP

3" mounting center • Multi-function lamp enhances signaling visibility and safety • Compact size for narrow mounting locations • Lamp functions as a marker, clearance, identification and supplemental high mount stop or turn lamp. • Long-life lamp features replaceable lens and a circuit board encapsulated in potting to protect against vibration and water intrusion.

- 49252 Red
- 49253 Yellow

Material: Polycarbonate  
 FMVSS: P2, U  
 Finish: Red / Yellow  
 Volts / Amps: 14V / .02A / .06A  
 Pigtail: 66870



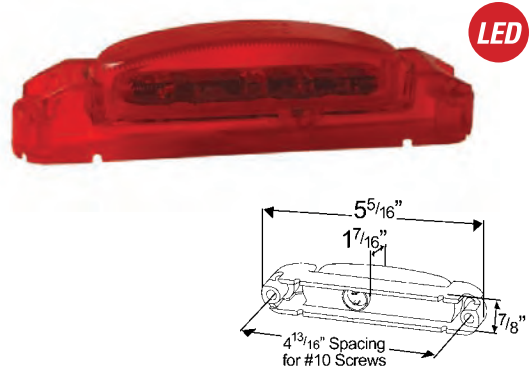
## SUPERNOVA® THIN-LINE LED CLEARANCE/MARKER LAMP

Sealed marker lamp • Encapsulant potting for total circuit board protection • Thin-Line design fits narrow rails and channels • Uses UBS double-seal pigtail for maximum protection against corrosion

- 46902 Red Lens, White Body
- 46903 Yellow Lens, White Body
- 46922 Red Lens, Red Body
- 46933 Yellow Lens, Yellow Body

KITS:	
45132	Red Lens, White Body (46902 + 66930)
45133	Yellow Lens, White Body (46903 + 66930)
45102	Red Lens, Red Body (46922 + 66930)
45103	Yellow Lens, Yellow Body (46933 + 66930)

Material: Polycarbonate  
 FMVSS: P2  
 Finish: White / Red / Yellow  
 Volts / Amps: 12V / .07A  
 Bracket: 43074  
 Pigtail: 66931, 66930, 66932



## THIN-LINE SINGLE-BULB CLEARANCE/MARKER LAMP

Narrow rail and channel mounting • Snap-on lens for easy bulb replacement • Attached pigtail

- 45252 Red
- 45252-5 Red RETAIL
- 45253 Yellow
- 45253-5 Yellow RETAIL

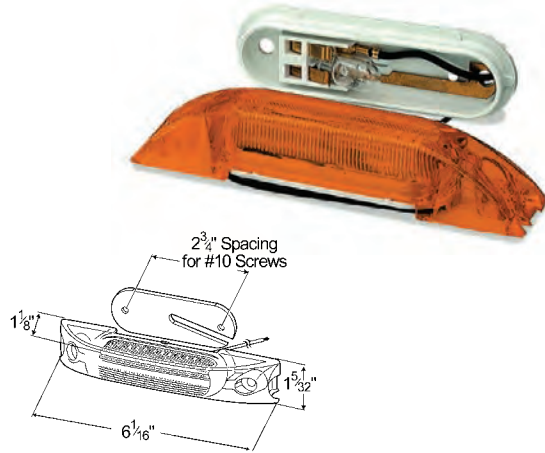
WITH GROUND WIRE:	
45672	Red
45673	Yellow

Material: Polycarbonate / Acrylic  
 FMVSS: P2  
 Finish: Red / Yellow  
 Bulb: #193, 2 CP  
 Volts / Amps: 12V / .33A  
 Lens: Red 90152, Yellow 90153



# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálíbo / Demarcadora



## TURTLEBACK® THIN-LINE SINGLE-BULB CLEARANCE/MARKER LAMP

Turtleback® lens design for maximum durability • Narrow rail and channel-mounting • Attached pigtail

45382 Red  
45383 Yellow

Material: Polypropylene / Polycarbonate  
FMVSS: P2, P3  
Finish: Red / Yellow  
Bulb: #193, 2 CP  
Volts / Amps: 12V / .33A



## CLEARANCE/MARKER LAMP WITH PEAK LENS

Shock-resistant bulb mount • Snap-on lens for easy bulb replacement  
• OE Replacement part for U-Haul® and Stoughton® • Meets PC function only when mounted at a 45° angle

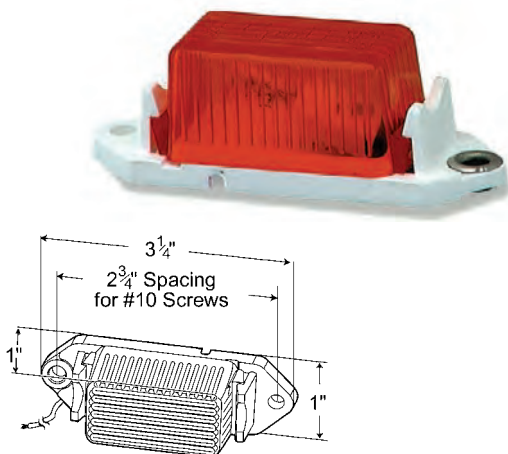
### BLUNT CUT:

45512	Red	<b>PC</b>
45512-5	Red	<b>RETAIL PC</b>
45513	Yellow	<b>PC</b>
45513-5	Yellow	<b>RETAIL PC</b>

### .180 MALE BULLET TERMINATION:

45522	Red	<b>PC</b>
45523	Yellow	<b>PC</b>

Material: Polycarbonate  
FMVSS: P2, PC  
Finish: Red / Yellow  
Bulb: #194, 2 CP  
Volts / Amps: 12V / .27A  
Lens: Red 93252



## ECONOMY CLEARANCE/MARKER LAMP

Snap-on lens for easy bulb replacement • Brass, ground eyelet • Compact design • Tailgate / running board kit contains 6 lamps, mounting hardware, and wiring connectors

46882	Red	
46882-5	Red	<b>RETAIL</b>
46883	Yellow	
46883-5	Yellow	<b>RETAIL</b>

Material: Polycarbonate / Polypropylene  
FMVSS: P2  
Finish: Red / Yellow  
Bulb: #194, 2 CP  
Volts / Amps: 12V / .27A  
Lens: Red 92432, Yellow 92433

# Clearance/Marker Lamps

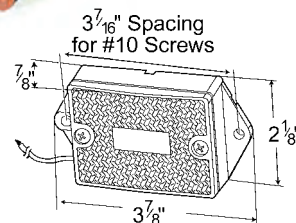
Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

## RECTANGULAR SINGLE-BULB CLEARANCE/MARKER LAMP WITH BUILT-IN REFLECTOR

Corrosion-resistant body • Flange mounting • Boat, snowmobile, trailer, and RV applications

- 46392 Red
- 46392-5 Red **RETAIL**
- 46393 Yellow
- 46393-5 Yellow **RETAIL**

Material: Polypropylene / Acrylic  
 FMVSS: A, P2, P3  
 Finish: Red/Yellow  
 Volts / Amps: 12V / .27A  
 Lens: Red 91112, Yellow 91113



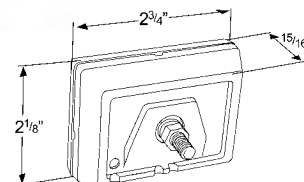
## RECTANGULAR SUBMERSIBLE CLEARANCE MARKER LAMP WITH BUILT-IN REFLECTOR

Used with a large variety of boat, snowmobile and utility trailer lighting kits

### REPLACEMENT PARTS:

- 46982-5 Red, Clearance/Marker **RETAIL**
- 46983-5 Yellow, Clearance/Marker **RETAIL**

Material: Acrylic / ABS  
 FMVSS: P2, A  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .27A  
 Lens: Red: 91112, Yellow 91113



## RECTANGULAR CLEARANCE/MARKER LAMP

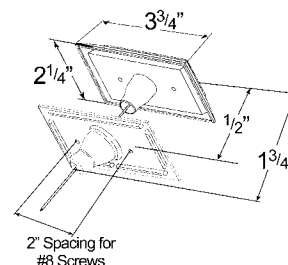
Chrome-plated, Polycarbonate housing • 2" mounting centers  
 • 1 1/8" socket hole required • Universal uses: interior, courtesy or trunk applications

- 47052 Red
- 47053 Yellow

### AUXILIARY:

- 47051 Clear

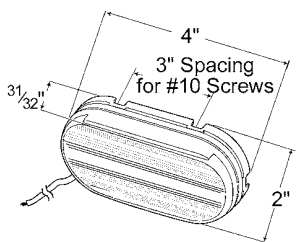
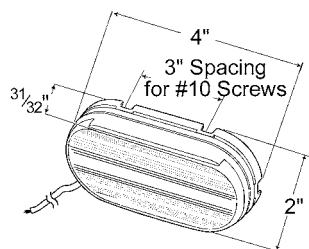
Material: Polycarbonate / Acrylic  
 FMVSS: P2  
 Finish: Chrome/Red/Yellow  
 Bulb: #1895, 2 CP  
 Volts / Amps: 12V / .27A





# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora



## SINGLE-BULB OVAL CLEARANCE/MARKER LAMP

Snap-on lens • Corrosion-resistant contact and ground • Reflex version is a combined side marker, clearance lamp, and reflector

### OPTIC LENS:

46702	Red	
46703	Yellow	
46703-5	Yellow	RETAIL

### BUILT-IN REFLECTOR:

46712	Red	
46712-5	Red	RETAIL
46713	Yellow	
46713-5	Yellow	RETAIL

Material: Polypropylene / Acrylic / Polycarbonate

FMVSS: Optic - P2; Reflex - A, P2

Finish: Red / Yellow

Bulb: #193, 2 CP

Volts / Amps: 12V / .33A

Bracket: 43144, 43673

Lens: Optic - Red 90122, Yellow 90123; Reflex - Red 90202, Yellow 90203

## TWO-BULB OVAL PIGTAIL-TYPE CLEARANCE/MARKER LAMP

Standard snap-on lens for easy bulb replacement • Two stainless steel grounds • Exclusive internal armor for additional bulb protection • Corrosion-resistant contacts • Reflex version is a combined side marker, clearance lamp, and reflector • Optic lens version meets PC function only when mounted at a 45° angle

### OPTIC LENS:

45262	Red	PC
45262-5	Red	RETAIL PC
45263	Yellow	PC
45263-5	Yellow	RETAIL PC

### BUILT-IN CLASS "A" REFLECTOR:

45932	Red	
45932-5	Red	RETAIL
45933	Yellow	
45933-5	Yellow	RETAIL

Material: Polypropylene / Acrylic / Polycarbonate

FMVSS: Optic - P2, PC; Reflex - A, P2

Finish: Red / Yellow

Bulb: (2) #1893, 2 CP

Volts / Amps: 12V / .66A

Bracket: 43144, 43673

Pigtail: 67120

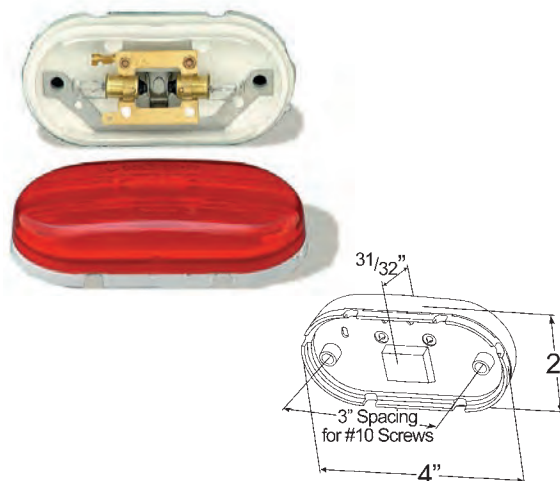
Lens: Optic - Red 91572, Yellow 91573; Reflex - Red 90202, Yellow 90203

## TWO-BULB NO-SPLICE CLEARANCE/MARKER LAMP

Exclusive, no-splice wiring system • Exclusive, internal armor for additional protection • Standard snap-on lens for easy bulb replacement • Meets PC function only when mounted at a 45° angle

**45432** Red **PC**  
**45433** Yellow **PC**

Material: Polypropylene / Polycarbonate  
 FMVSS: P2, P3, PC  
 Finish: Red / Yellow  
 Bulb: (2) #1893, 2 CP  
 Volts / Amps: 12V / .66A  
 Bracket: 43144, 43673  
 Lens: Red 91572, Yellow 91573

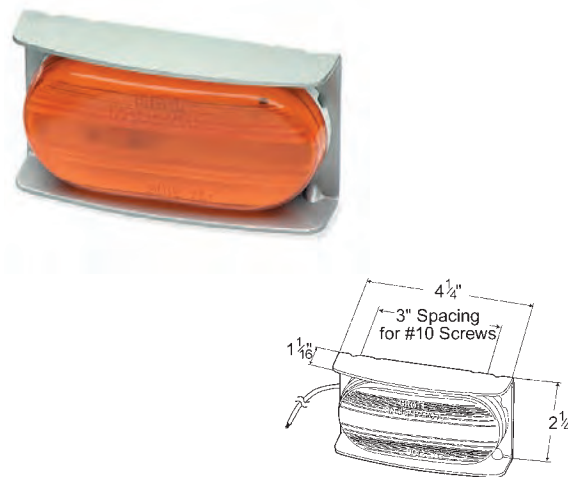


## ECONOMY STEEL-ARMORED CLEARANCE/MARKER LAMP

Corrosion-proof, shock-absorbing lamp base • External guard of formed steel for additional lamp protection • Snap-on lens for easy bulb replacement • Flat back; no need for lamp socket hole • Meets PC function only when mounted at a 45° angle

**46493-5** Yellow **RETAIL PC**

Material: Steel / Polypropylene / Acrylic  
 FMVSS: P2, PC  
 Finish: Yellow  
 Bulb: #193, 2 CP  
 Volts / Amps: 12V / .33A  
 Bracket: 43144  
 Lens: Red 90122, Yellow 90123

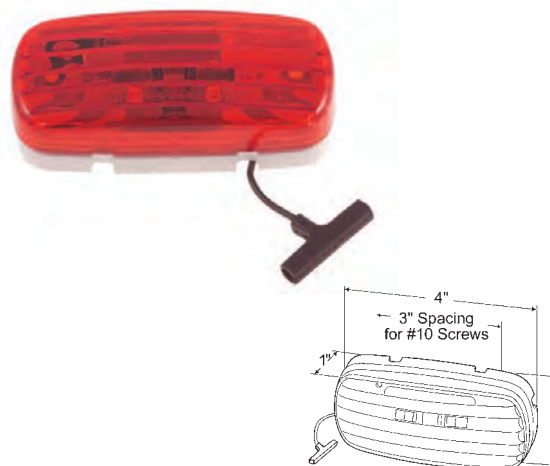


## FRUEHAUF SPECIAL CLEARANCE/MARKER LAMP

Fluted optics for wide light dispersion • Molded T-terminal wiring connection for easy replacements • Replaces Fruehauf® L-CE8750 and competitive versions • Meets PC function only when mounted at a 45° angle

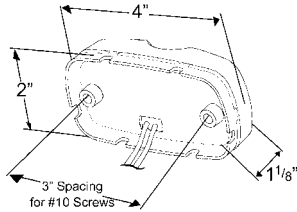
**46772** Red **PC**  
**46773** Yellow **PC**

Material: Polypropylene / Acrylic  
 FMVSS: P2, PC  
 Finish: Red / Yellow  
 Bulb: (2) #1893, 2 CP  
 Volts / Amps: 12V / .66A  
 Bracket: 43144, 43673  
 Pigtail: 67120  
 Lens: Red 91992, Yellow 91993



# Clearance/Marker Lamps

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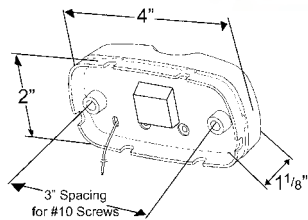


## HI COUNT® SQUARE-CORNER 13-DIODE LED CLEARANCE/ MARKER LAMP

Molded snap-ring • Encapsulent potting for total circuit board protection  
• Field-replaceable lens

<b>G4602</b>	Red	
<b>G4602-5</b>	Red	RETAIL
<b>G4603</b>	Yellow	
<b>G4603-5</b>	Yellow	RETAIL
<b>G4613</b>	Yellow, Clear Lens/Base	

Material: Polycarbonate / Acrylic  
FMVSS: P2  
Finish: Red / Yellow  
Volts / Amps: 12V / .15A  
Bracket: 43144, 43673  
Lens: Red 91962, Yellow 91963, Clear 91961



## TWO-BULB SQUARE-CORNER CLEARANCE/MARKER LAMP

Corrosion-resistant contacts • Snap-on lens for easy bulb replacement  
• Attached blunt cut pigtail • Meets PC function only when mounted at a 45° angle

### DURAMOLD

<b>46792</b>	Red	PC
<b>46792-5</b>	Red	RETAIL PC
<b>46793</b>	Yellow	PC
<b>46793-5</b>	Yellow	RETAIL PC

### DIE CAST

<b>46782</b>	Red	PC
<b>46783</b>	Yellow	PC

Material: Polypropylene / Acrylic / Zinc Die-Cast  
FMVSS: P2, P3, PC  
Finish: Red / Yellow  
Bulb: (2) #1893, 2 CP; Volts / Amps: 12V / .66A  
Bracket: 43144, 43673  
Pigtail: 67120  
Lens: Red 91962, Yellow 91963, Auxiliary - Clear 91961, Green 91964, Blue 91965

# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

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CLEARANCE / MARKER LAMPS

## M1 SERIES LED CLEARANCE/ MARKER LAMP

Sleek, aerodynamic styling • Hermetic lens-to-housing seal • Corrosion-resistant, chrome-plated bezels • Molded bullet kits come with two replacement mating connectors • Encapsulent potting for total circuit board protection

### LAMP KITS WITH BEZEL:

<b>45583</b>	Yellow, .180 Molded Bullet
<b>47772</b>	Red, Clear Lens, .180 Molded Bullet
<b>47773</b>	Yellow, Clear Lens, .180 Molded Bullet
<b>45603</b>	Yellow, Metripack® Plug

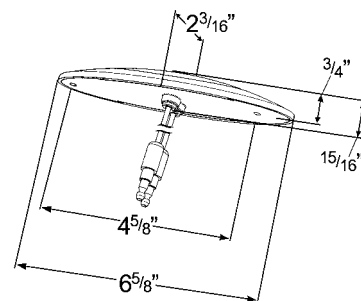
### LAMP KITS WITHOUT BEZEL:

<b>45623</b>	Yellow, .180 Molded Bullet
<b>45643</b>	Yellow, Metripack® Plug

Material: Polycarbonate / ABS  
FMVSS: P2  
Finish: Chrome / Red / Yellow  
Volts / Amps: 12V / .12A  
Accessory: Bezel Chrome 93453  
Pigtail: 66200



LED



## M1 SERIES CLEARANCE/ MARKER LAMP

Sleek, aerodynamic styling • Molded bullet versions are bulb replaceable • Corrosion-resistant, chrome-plated bezels • Metripack® versions have a hermetic lens-to-housing seal

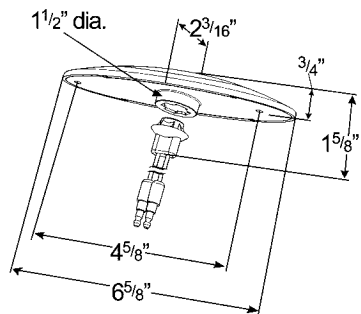
### LAMP KITS WITH BEZEL:

<b>45572</b>	Red, .180 Molded Bullet
<b>45573</b>	Yellow, .180 Molded Bullet
<b>45593</b>	Yellow, Metripack® Plug

### LAMP KITS WITHOUT BEZEL:

<b>45613</b>	Yellow, .180 Molded Bullet
<b>45633</b>	Yellow, Metripack® Plug

Material: Polycarbonate / ABS  
FMVSS: P2  
Finish: Chrome / Red / Yellow  
Bulb: #193, 2 CP Volts / Amps: 12V / .33A  
Bulb: #464, 3 CP Volts / Amps: 24V / .17A  
Accessory: Bezel Chrome 93453  
Pigtail: 66200



grote.com

Grote

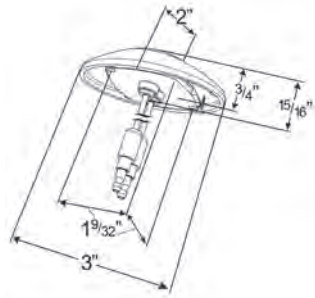
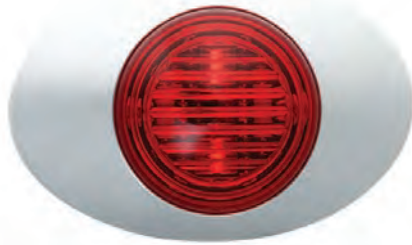
37



# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

LED



## M3 SERIES LED CLEARANCE/ MARKER LAMP

Sleek, aerodynamic styling • Hermetic lens-to-housing seal  
 • Corrosion-resistant, chrome-plated bezels • Encapsulent potting for total circuit board protection against vibration and corrosion  
 • Kits contain two replacement mating connectors

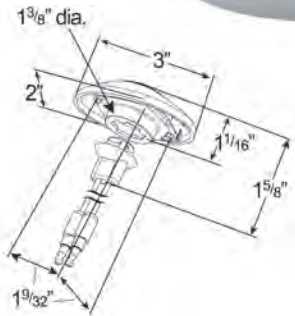
### LAMP KITS WITH BEZEL:

**45772** Red, .180 Molded Bullet  
**45773** Yellow, .180 Molded Bullet

### LAMP KITS WITHOUT BEZEL:

**45792** Red, .180 Molded Bullet  
**45793** Yellow, .180 Molded Bullet

Material: Polycarbonate/ABS  
 FMVSS: P2  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .06A  
 Accessory: Bezel Chrome 93473  
 Pigtail: 66200



## M3 SERIES CLEARANCE/ MARKER LAMP

Sleek, aerodynamic styling • Field replaceable, bulb design • Corrosion-resistant, chrome-plated bezels • No exposed fasteners

### LAMP KITS WITH BEZEL:

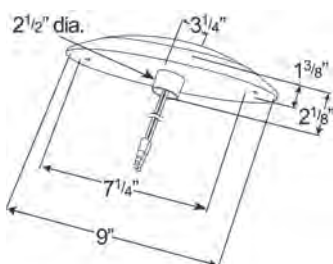
**45762** Red, .180 Molded Bullet  
**45763** Yellow, .180 Molded Bullet

### LAMP KITS WITHOUT BEZEL:

**45783** Yellow, .180 Molded Bullet

Material: Polycarbonate / ABS  
 FMVSS: P2  
 Finish: Red / Yellow  
 Bulb: #193, 2 CP  
 Volts / Amps: 12V / .33A  
 Accessory: Bezel: Chrome 93473  
 Pigtail: 66200

LED



## M4 SERIES LED CLEARANCE/ MARKER LAMP

Sleek, aerodynamic styling • Hermetic lens-to-housing seal  
 • Corrosion-resistant chrome-plated bezels • Kits contain two replacement mating connectors

### LAMP KITS WITH BEZEL:

**45853** Yellow, .180 Molded Bullet

Material: Polycarbonate/ABS  
 FMVSS: P2  
 Finish: Yellow  
 Volts / Amps: 12V / .12A  
 Pigtail: 66200

## M5 SERIES LED CLEARANCE/MARKER LAMP

Sleek, aerodynamic styling • Hermetic lens-to-housing seal • Corrosion-resistant chrome-plated bezels • Encapsulant potting for total circuit board protection against vibration and corrosion • Kits contain two replacement mating connectors • Small size fits into narrow applications

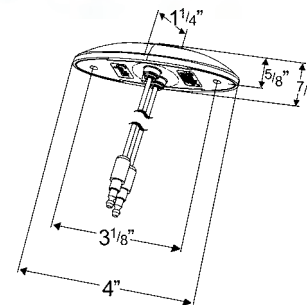
### LAMP KITS WITH BEZEL:

- 47912** Red, .180 Molded Bullet
- 47913** Yellow, .180 Molded Bullet
- 47922** Red, Clear Lens, .180 Molded Bullet
- 47923** Yellow, Clear Lens, .180 Molded Bullet

Material: Polycarbonate / ABS  
 FMVSS: P2  
 Finish: Chrome / Clear  
 Pigtail: 66200



LED



## SUPERNOVA® LOW-PROFILE LED CLEARANCE/MARKER LAMP

Encapsulant potting for total circuit board protection • Sealed hardwire terminations with .180 molded, UBS Slim-Line bullets • Field replaceable lens • Requires 1 1/4" hole for mounting • Popular marker lamp on Peterbilt® trucks • Built-in reflector

### WITHOUT BEZEL:

- 47262** Red
- 47263** Yellow

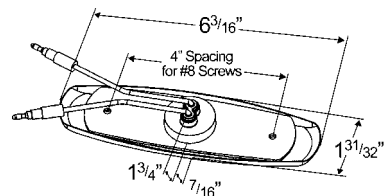
### WITH BEZEL:

- 47252** Red
- 47253** Yellow

Material: Polypropylene / Stainless Steel / Acrylic  
 FMVSS: A, P2  
 Finish: Stainless Steel / Red / Yellow  
 Volts / Amps: 12V / .06A  
 Lens: Red 90072, Yellow 90073



LED



## LOW-PROFILE CLEARANCE/MARKER LAMP

Field-replaceable lens • Requires 1 1/4" socket hole for mounting • Twist-in bulb socket for easy bulb replacement • Built-in reflector

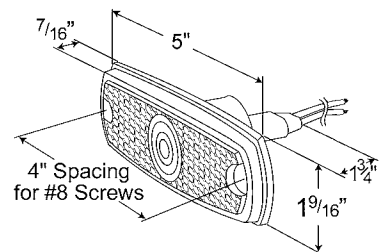
### WITHOUT BEZEL:

- 45712** Red
- 45713** Yellow

### WITH BEZEL:

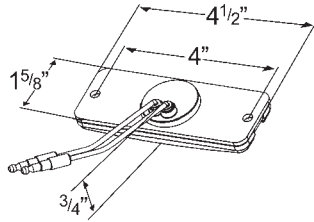
- 45662** Red
- 45663** Yellow

Material: Polypropylene / Stainless Steel / Acrylic  
 FMVSS: A, P2  
 Finish: Stainless Steel / Red / Yellow  
 Bulb: #194, 2 CP  
 Volts / Amps: 12V / .27A  
 Pigtail: 68380  
 Lens: Red 90072, Yellow 90073



# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora



## SEALED RECTANGULAR LED CLEARANCE/MARKER LAMP

Encapsulant potting for total circuit board protection against vibration and corrosion • Hermetic lens-to-housing seal • Fits standard mounting holes, no bracket required • Uses same .180 molded bullet connections as incandescent versions for a quick, easy retrofit • Replaces Truck-Lite® 18050R (red) or 18050Y (yellow)

- 47732 Red
- 47733 Yellow

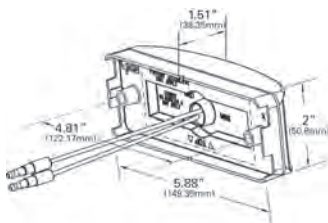
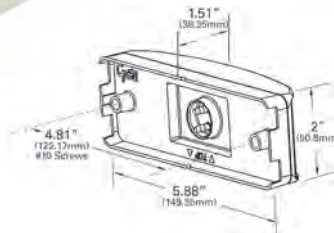
Material: Acrylic  
 FMVSS: A, P2  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .06A



47073



47162



## SUPERNOVA® SEALED TURTLEBACK® II LED CLEARANCE/MARKER LAMP

Encapsulant potting for total circuit board protection • Hermetic lens-to-housing seal • Tin-plated, solid-brass terminals are sealed to housing to resist corrosion and eliminate failure causing leak paths • Meets PC function only when mounted at a 45° angle • Not designed for vertical mount

### BUILT-IN REFLECTOR:

- 47072 Red, Male Pin
- 47073 Yellow, Male Pin
- 47352 Red, Male Pin
- 47353 Yellow, Male Pin



### PC RATED OPTIC LENS:

- 47162 Red, Male Pin
- 47163 Yellow, Male Pin
- 49392 Red, Hardwire
- 49393 Yellow, Hardwire



### DUAL INTENSITY:

- 54003 Yellow, Optic Lens, Male Pin

### ABS LAMP:

- 78403 Yellow, Optic Lens, Male Pin **PC**

Material: Polycarbonate (Optic) / Acrylic (Reflex)  
 FMVSS: Optic - P2, PC; Reflex - A, P2  
 Finish: Red / Yellow  
 Volts / Amps: P2 - 12V / .06A  
 Volts / Amps: PC - 12V / .12A  
 Volts / Amps: Red - 24V / .03A  
 Volts / Amps: Yellow - 24V / .04A  
 Bracket: 43030, 43050  
 Pigtail: 66911, 66910, 67070, 67071

# Clearance/Marker Lamps

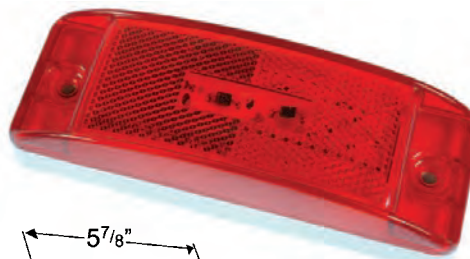
Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

## HI COUNT® TURTLEBACK® II LED CLEARANCE/MARKER LAMP

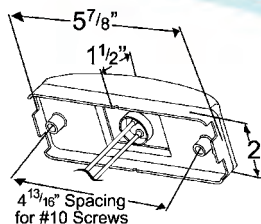
Hermetic lens-to-housing seal • Molded bullet with chassis ground-ring terminal connection • Shock absorbing, heat-resistant lens and lamp base • Red lamp has 8 diodes, yellow lamp has 10 diodes

- G2102 Red
- G2102-5 Red **RETAIL**
- G2103 Yellow
- G2103-5 Yellow **RETAIL**

Material: Polycarbonate / Acrylic  
 FMVSS: A, P2  
 Finish: Red / Yellow  
 Volts / Amps: Red - 12V / .12A  
 Volts / Amps: Yellow - 12V / .15A  
 Bracket: 43030, 43050



LED



## SEALED TURTLEBACK® II CLEARANCE/MARKER LAMP

Shock-absorbing, heat-resistant lens and lamp base • Hermetic lens-to-housing seal • Waterproof male pin connections accept UBS pigtail • Turtleback® lens design for maximum durability • Two 12,000+ hour bulbs • Optic lens version meets PC function only when mounted at a 45° angle

### OPTIC LENS:

- 46832 Red **PC**
- 46832-5 Red **RETAIL PC**
- 46833 Yellow **PC**
- 46833-5 Yellow **RETAIL PC**

### BUILT-IN REFLECTOR:

- 46872 Red
- 46872-5 Red **RETAIL**
- 46873 Yellow
- 46873-5 Yellow **RETAIL**

### ABS LAMP:

- 78363 Yellow, Optic Lens **PC**

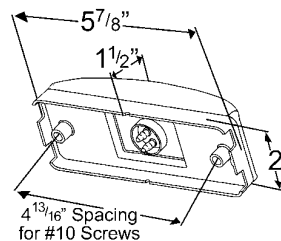
Material: Polycarbonate / Acrylic  
 FMVSS: Optic - P2, P3, PC; Reflex - A, P2  
 Finish: Red / Yellow  
 Bulb: (2) 2 CP  
 Volts / Amps: 12V / .66A  
 Bracket: 43030, 43050  
 Pigtail: 66910, 66911, 67070, 67071



46832



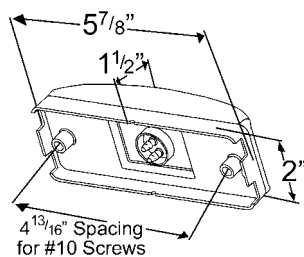
46873





# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora



## FIELD RESEALABLE LENS TURTLEBACK® II CLEARANCE/ MARKER LAMP

Weather-tight lens gasket seal • Resealable for bulb replacement  
 • Impact-resistant bulb contacts • Turtleback® lens design for maximum durability • 12-Volt version features two 12,000+ hour bulbs • Optic lens version meets PC function only when mounted at a 45° angle

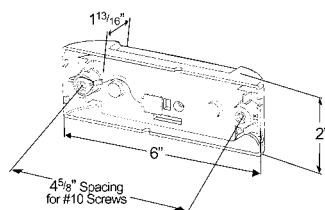
### OPTIC LENS:

**46802** Red **PC**  
**46803** Yellow **PC**

### BUILT-IN REFLECTOR:

**46862** Red  
**46863** Yellow

Material: Polycarbonate / Acrylic  
 FMVSS: Optic - P2, P3, PC; Reflex - A, P2  
 Finish: Red / Yellow  
 Bulb: (2) #193, 2 CP; Volts / Amps: 12V / .66A  
 Bulb: (2) #464, 3 CP; Volts / Amps: 24V / .34A  
 Bracket: 43030, 43050  
 Pigtail: 66911, 66910, 67070, 67071  
 Lens: Optic: Red 92162, Yellow 92163; Reflex: Red 92172, Yellow 92173



## ECONOMY SEALED CLEARANCE/ MARKER LAMP

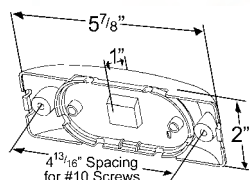
Hermetic lens to housing seal • 12,000 hour bulb • Self grounding eyelet grounds lamp when attached to a metal plate • Retrofits to competitor lamps easily with hot wire termination • Interchanges to Truck-Lite® 21201R (red) or 21201Y (yellow)

**46072** Red  
**46073** Yellow

### KITS:

**46082** Red (46072 + 66360)  
**46083** Yellow (46073 + 66360)

Material: Acrylic  
 FMVSS: A, P2  
 Finish: Red / Yellow  
 Bulb: 2 CP; Volts / Amps: 12V / .33A  
 Pigtail: 66360



## TWO-BULB TURTLEBACK® CLEARANCE/ MARKER LAMP

Turtleback® lens design for maximum durability • Two stainless steel grounds

### OPTIC LENS:

**45462** Red  
**45463** Yellow

### BUILT-IN REFLECTOR:

**46302** Red  
**46303** Yellow

Material: Polypropylene / Polycarbonate / Acrylic  
 FMVSS: Optic - P2; Reflex - A, P2  
 Finish: Red / Yellow  
 Bulb: (2) #1893, 2 CP Volts / Amps: 12V / .66A  
 Pigtail: 67120  
 Lens: Optic - Red 90172, Yellow 90173; Reflex - Red 91042, Yellow 91043

# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

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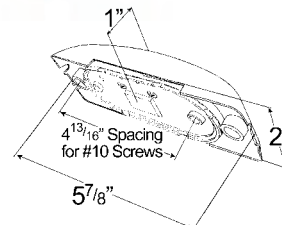
CLEARANCE / MARKER LAMPS

## TWO-BULB TURTLEBACK® NO-SPLICE CLEARANCE/MARKER LAMP

Exclusive, no-splice wiring system • Turtleback® lens design for maximum durability • Corrosion-resistant contacts

**45442** Red  
**45443** Yellow

Material: Polypropylene / Polycarbonate  
FMVSS: Optic - P2  
Finish: Red / Yellow  
Bulb: (2) #1893, 2 CP  
Volts / Amps: 12V / .66A  
Lens: Red 90172, Yellow 90173

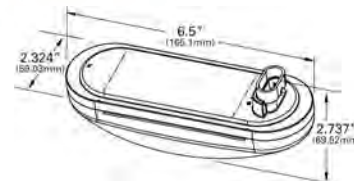


## RAZORBACK™ MID-POSITION FLASHING LED MARKER LAMP

Patent pending electronic design meets all FMVSS 108 marker requirements and also flashes in concert with the turn signal circuitry to act as a mid-position flasher • 50 State Legal flashing mid-position marker • Easily visible from the cab during operation • Encapsulant potting for total circuit board protection • Fits current mounting flanges and grommets

**54593** Yellow

Material: Acrylic, ABS  
Finish: Yellow  
FMVSS: 108 - P2  
Voltage Amp: 13.5V / .18A  
Brackets: 43220, 43222, 43223, 43732, 43362, 43952, 43172, 43100, 42152, 42153  
Grommet: 92420, 92720, 67151  
Pigtails: 66861

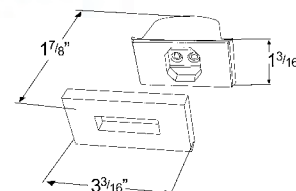


## SMALL SQUARE PC-RATED CLEARANCE/MARKER LAMP

Direct replacement for Truck-Lite® 12200R • Standard lamps on UPS • Comes with gasket • Sonic sealed lens • Service life rated at 15,000 hours

**46092** Red **PC**

Material: Polycarbonate  
FMVSS: P2, PC  
Finish: Red  
Bulb: 2 CP  
Volts / Amps: 12V / .33A



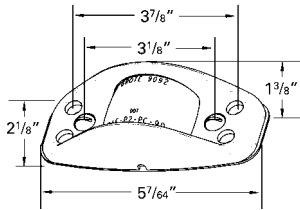
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# Clearance/Marker Lamps

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## DIE-CAST, ALUMINUM CLEARANCE/MARKER LAMP

Mounts without disassembly • Holes interchange with competitive lamps for easy retrofits • Lens replaces comparable competitor models • Meets PC function only when mounted at a 45° angle

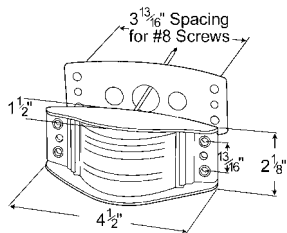
### FLAT BACK, NO SOCKET HOLE REQUIRED:

46282	Red	<b>PC</b>
46283	Yellow	<b>PC</b>

### REAR SOCKET:

46292	Red	<b>PC</b>
46293	Yellow	<b>PC</b>

Material: Aluminum / Acrylic  
 FMVSS: P2, PC  
 Finish: Red / Yellow  
 Bulb: 46292, 46293: #67, 4 CP  
 Volts / Amps: 12V / .59A  
 Bulb: 46282, 46283 - #193, 2 CP  
 Volts / Amps: 12V / .33A  
 Lens: Red 90922, Yellow 90923

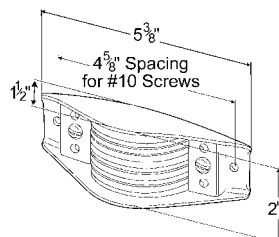


## NARROW-RAIL CLEARANCE/MARKER LAMP

Seal-tight expanded rubber gasket • Steel housing for additional lamp protection • Two- or four-hole mounting for easy retrofits • Flat back; no need for lamp socket hole • Meets PC function only when mounted at a 45° angle

45172	Red	<b>PC</b>
45173	Yellow	<b>PC</b>

Material: Steel / Acrylic  
 FMVSS: P2, P3, PC  
 Finish: Red / Yellow  
 Bulb: #193, 2 CP  
 Volts / Amps: 12V / .33A  
 Lens: Red 90052, Yellow 90053, Auxiliary - Clear 90051



## ARMORED CLEARANCE/MARKER LAMP

Seal-tight, expanded rubber gasket • Steel housing for additional lamp protection • Two- or four-hole mounting for easy retrofits • Rear socket hole required • Meets PC function only when mounted at a 45° angle

45012	Red	<b>PC</b>
45013	Yellow	<b>PC</b>

Material: Steel / Acrylic  
 FMVSS: P2, P3, PC  
 Finish: Red / Yellow  
 Bulb: #67, 4 CP  
 Volts / Amps: 12V / .59A  
 Pigtail: 68080  
 Lens: Red 90052, Yellow 90053; Auxiliary: Clear 90051

# Clearance/Marker Lamps

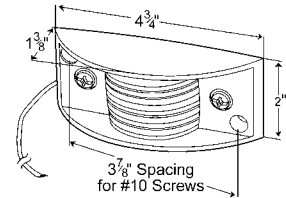
Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

## CHROME-ARMORED CLEARANCE/MARKER LAMP

Direct interchange for competitive models • Flat back; no bulb socket hole required • Meets PC function only when mounted at a 45° angle

<b>46892</b>	Red	<b>PC</b>
<b>46892-5</b>	Red	<b>RETAIL PC</b>
<b>46893</b>	Yellow	<b>PC</b>
<b>46893-5</b>	Yellow	<b>RETAIL PC</b>

Material: Acrylic / ABS  
 FMVSS: P2, PC  
 Finish: Red / Yellow  
 Bulb: #194, 2 CP  
 Volts / Amps: 12V / .27A  
 Lens: Red 90922, Yellow 90923

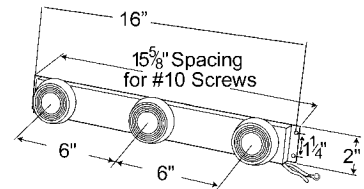


## SUPERNOVA® LOW-PROFILE LED BAR LAMP

Twist-in, locking feature • Sealed UBS harness • Uses 2.5" round LED replacement lamps

<b>49162</b>	Red
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Material: Steel / Polycarbonate  
 FMVSS: P2  
 Finish: Red  
 Volts / Amps: 12V / .18A  
 Accessory: Lamp: Red 47122; Harness: 67740  
 Bracket: 49140

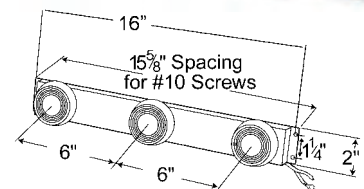


## LOW-PROFILE BAR LAMP

Uses 2 1/2" round, replaceable lamps • Twist-in, locking feature • Sealed UBS harness

<b>49142</b>	Red
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Material: Steel / Polycarbonate  
 FMVSS: P2  
 Finish: Red  
 Bulb: (3) 2 CP  
 Volts / Amps: 12V / .99A  
 Accessory: Harness: 67740, Lamp: Red 45812  
 Bracket: 49140

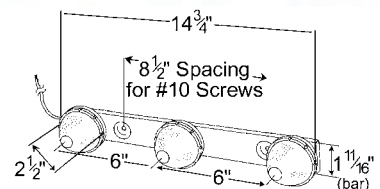
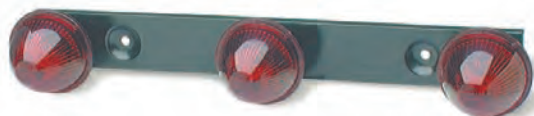


## BEEHIVE TYPE BAR LAMP

Black enamel metal bar • Includes heat-sealed, splice-on pigtail

<b>49002</b>	Red
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Material: Steel / Acrylic / ABS  
 FMVSS: P2  
 Finish: Red  
 Bulb: (3) #67, 4 CP  
 Volts / Amps: 12V / 1.77A

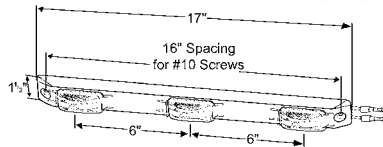




# Clearance/Marker Lamps

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**LED**

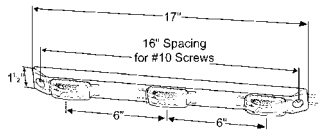


## SUPERNOVA® LED BAR LAMP

Snap-on replacement lamps • Sealed flow-through UBS harness • Rugged reinforced polycarbonate bar • Easy to install

**49182** Red

Material: Polycarbonate  
FMVSS: P2  
Finish: Red  
Volts / Amps: 12V / .18A  
Accessory: Lamp: Red 47082; Harness: 69710

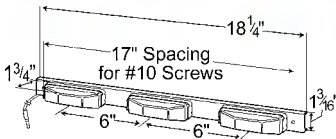


## BAR LAMP

Three replaceable snap-on lamps • Sealed flow-through harness • Rugged reinforced polycarbonate bar • Easy to install

**49172** Red  
**49173** Yellow

Material: Polycarbonate  
FMVSS: P2  
Finish: Red  
Bulb: (3) 2 CP  
Volts / Amps: 12V / .99A  
Accessory: Lamp: Red 46412, Yellow 46413; Harness: 69710



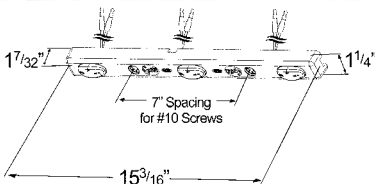
## ALUMINUM BAR LAMP

Thin-line design fits narrow rails and channels • Three two-bulb replaceable snap-on lamps • Easy installation • UBS wire harness included

**49132** Red

Material: Aluminum / Polycarbonate  
FMVSS: P2  
Finish: Red  
Bulb: (6) 2 CP  
Volts / Amps: 12V / 1.98A  
Accessory: Lamp: Red 46742

**LED**



## MICRONOVA® LED BAR LAMP

Replaceable sealed lamps • Low-profile design fits narrow rail applications • Encapsulant potting for total circuit board protection against vibration and corrosion • Sealed harness • Easy to install • Rugged reinforced polycarbonate bar

**49202** Red

Material: Polycarbonate  
FMVSS: P2  
Finish: Red  
Volts / Amps: 12V / .16A  
Accessory: Lamps: Red 47962

# Clearance/Marker Lamps

Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

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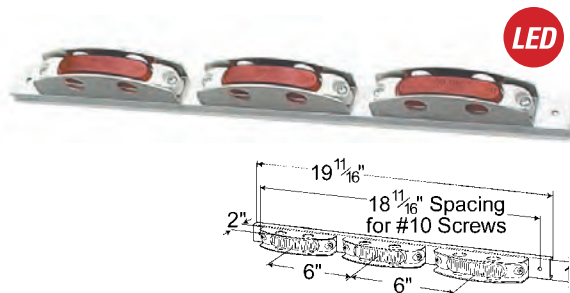
CLEARANCE / MARKER LAMPS

## SUPERNOVA® THIN-LINE LED BAR LAMP

Thin-Line design fits narrow rails and channels • Easy installation  
• Sealed UBS harness included • Replaceable external guard made of formed aluminum

**49122** Red

Material: Aluminum/Polycarbonate  
FMVSS: P2  
Finish: Red  
Volts / Amps: 12V / .18A  
Accessory: Lamp: Red 46902  
Branch Guard: 43074

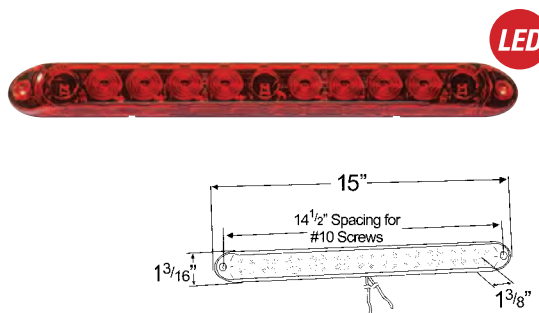


## 15" THIN-LINE LED BAR LAMP

Rated to 100,000 hours of service life • Sealed marker lamps are shock- and vibration-resistant • Impact-resistant housing is sealed for moisture protection • 3 LEDs

**49192** Red  
**49223** Yellow

Material: Polycarbonate  
FMVSS: P2, P3  
Finish: Red / Yellow  
Volts / Amps: 12V / .25A

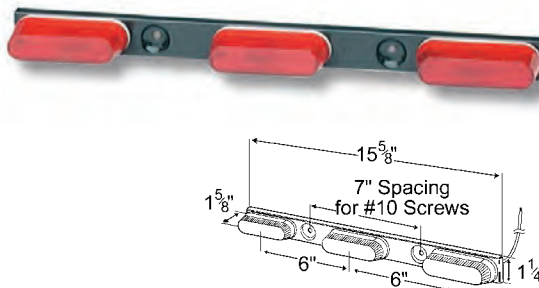


## THIN-LINE BAR LAMP

Three bulb-replaceable 45252 lamps • Black powder-coated, formed steel bar

**49062** Red

Material: Steel / Polycarbonate / Acrylic  
FMVSS: P2  
Finish: Red  
Bulb: (3) #193, 2 CP  
Volts / Amps: 12V / .99A  
Lens: Red 90152

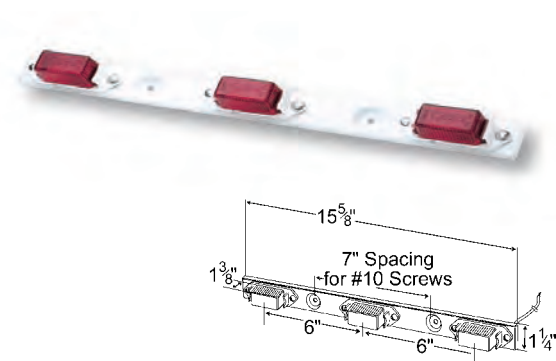


## ECONOMY BAR LAMP

Three bulb-replaceable 46882 lamps • Formed steel bar with white enamel

**49112** Red  
**49112-5** Red **RETAIL**

Material: Steel / Polycarbonate / Polypropylene  
FMVSS: P2  
Finish: Red  
Bulb: (3) #194, 2 CP  
Volts / Amps: 12V / .81A  
Lens: Red 92432



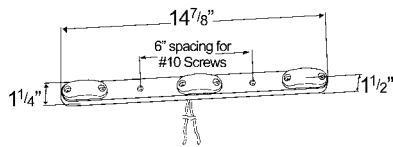
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# Clearance/Marker Lamps

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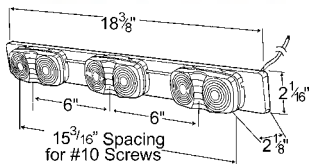


## 2 1/2" OVAL LED BAR LAMP

Impact resistant housing with sonic sealed, shock and vibration-resistant lamps • Uses three dual-diode LED lamps

**49212-5** Red **RETAIL**

Material: ABS / Polypropylene  
FMVSS: P2  
Finish: Red  
Volts / Amps: 12V / .15A  
Accessory: Lamp: Red 47012



## LOW-PROFILE BAR LAMP

Three-bulb, replaceable 45262 or 46792 lamps

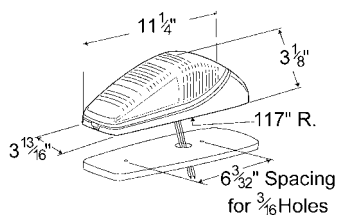
**OVAL STYLE:**

**49072** Red

**SQUARE CORNER STYLE:**

**49082** Red

Material: Polypropylene / Acrylic  
FMVSS: P2  
Finish: Red / Yellow  
Bulb: (6) #1893, 2 CP  
Volts / Amps: 12V / 1.98A  
Lens: Oval - Red 90122, Yellow 90123; Square - Red 91962



## OEM-STYLE, LARGE AERODYNAMIC CAB MARKER LAMP

3/8" thick mounting gasket • Mounting holes interchange with most popular torpedo-type cab marker lamps • Chrome-plated body, long-life bulb • Used on Ford®, Navistar®, and Freightliner® trucks • Meets side marker and front clearance requirements simultaneously

**46823** Yellow **PC**

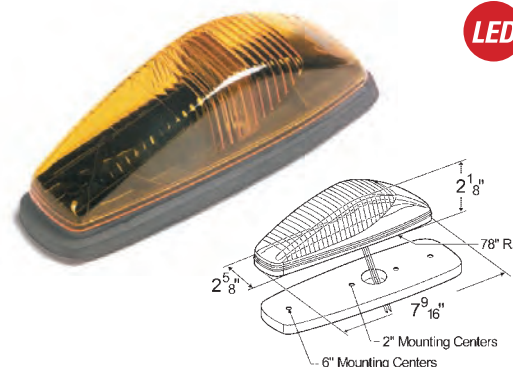
Material: ABS / Polycarbonate  
FMVSS: P2, P3, PC  
Finish: Chrome / Yellow  
Bulb: #904, 4 CP  
Volts / Amps: 12V / .69A  
Lens: Yellow 92193

## SUPERNOVA® SMALL AERODYNAMIC LED CAB MARKER LAMP

Replaceable lens • Same mounting and lens as incandescent (46813)  
 • Encapsulant potting for total circuit board protection • Meets side marker and front clearance requirements simultaneously

**47183** Yellow **PC**

Material: Valox / Polycarbonate  
 FMVSS: P2, PC  
 Finish: Yellow  
 Volts / Amps: 12V / .12A  
 Accessory: Chrome Bezel: 92583  
 Lens: Yellow 92183



## SMALL AERODYNAMIC CAB MARKER LAMP

Easy snap-on lens • Optics illuminate full lens • Used on Mack®, Navistar®, Freightliner®, Ford®, and Peterbilt® trucks • Meets sidemarker and front clearance requirements simultaneously

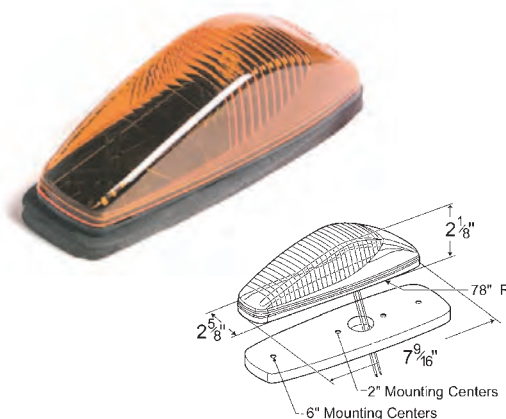
WITHOUT CHROME BEZEL:

**46813** Yellow **PC**

WITH CHROME BEZEL:

**46433** Yellow **PC**

Material: Valox / Polycarbonate  
 FMVSS: P2, P3, PC  
 Finish: Yellow  
 Bulb: #168, 3 CP  
 Volts / Amps: 12V / .35A  
 Accessory: Chrome Bezel: 92583  
 Lens: Yellow 92183

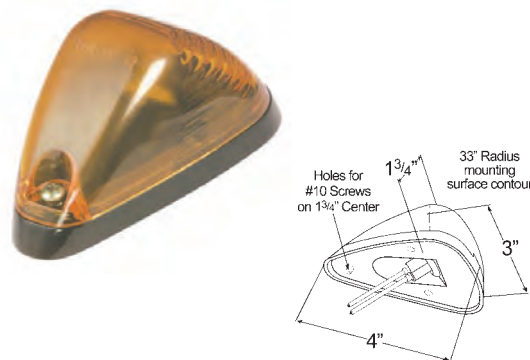


## LOW-PROFILE AERODYNAMIC CAB MARKER LAMP

Aerodynamic design • Cab marker replacement for heavy-duty Ford® trucks  
 • Field replaceable lens • Mounting screws included

**46003** Yellow

Material: Polycarbonate  
 FMVSS: P2  
 Finish: Yellow  
 Bulb: #168, 3 CP  
 Volts / Amps: 12V / .27A  
 Lens: Yellow 93393

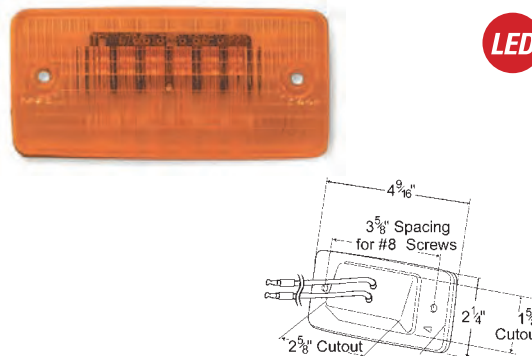


## SUPERNOVA® FLUSH-MOUNT LED CAB MARKER LAMP

Hermetic lens-to-housing seal • Encapsulant potting for total circuit board protection • Sealed hardwire connections with UBS molded .180 bullet terminals • Freightliner®, Sterling, and Navistar® replacement

**47063** Yellow

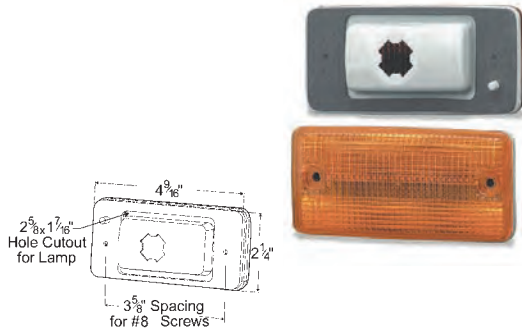
Material: Polycarbonate  
 FMVSS: P2  
 Finish: Yellow  
 Volts / Amps: 12V / .12A





# Clearance/Marker Lamps

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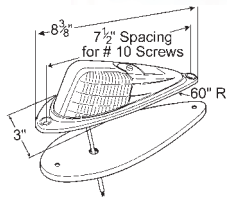


## FLUSH-MOUNT CAB MARKER LAMP

Application for visors • Hermetic lens-to-housing seal • Used on Freightliner®

**46913** Yellow

Material: Polycarbonate  
FMVSS: P2  
Finish: Yellow  
Pigtail: 68380

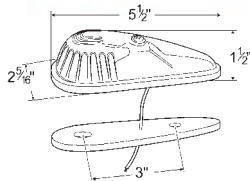


## DELUXE DIE-CAST CAB MARKER LAMP

Easy installation • Neoprene mounting pad • Chrome-plated • Meets side marker and front clearance requirements simultaneously

**45333** Yellow

Material: Zinc Die-cast / Acrylic  
FMVSS: P2, P3  
Finish: Chrome / Yellow  
Bulb: #67, 4 CP  
Volts / Amps: 12V / .59A  
Pigtail: 68080  
Lens: Yellow 90133

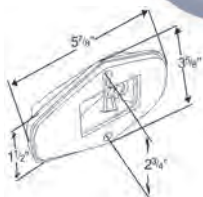


## ECONOMY CAB MARKER LAMP

Fits flat or slight contour surfaces • Replaces original equipment on Ford® trucks • Meets side marker and front clearance requirements simultaneously

**46543** Yellow **PC**  
**46543-5** Yellow **RETAIL PC**

Material: ABS / Acrylic  
FMVSS: P2, PC  
Finish: Yellow  
Bulb: #67, 4 CP  
Volts / Amps: 12V / .59A  
Pigtail: 68170  
Lens: Yellow 91683



## FORD® LIGHT DUTY CAB MARKER LAMP

Replaces surface mount, cab marker on Ford® F-Series trucks • Hermetic lens-to-housing seal • Replaceable bulb design • Mounting pad and screws included

**45503** Yellow **PC**

Material: Polycarbonate / ABS  
FMVSS: P2, PC  
Finish: Yellow  
Bulb: #194, 2 CP  
Volts / Amps: 12V / .27A

# Clearance/Marker Lamps

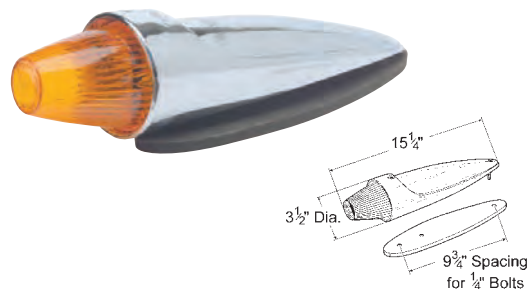
Feux de Gabarit / Position Lámparas de Gálibo / Demarcadora

## SHOCK-RESISTANT TORPEDO-STYLE CAB MARKER LAMP

Replacement for Mack® and Kenworth® • Includes two 1/4" bolts on 9 3/4" centers for mounting

**45993** Yellow **PC**

Material: ABS / Acrylic  
FMVSS: P2, PC  
Finish: Yellow  
Bulb: #67, 4 CP  
Volts / Amps: 12V / .59A  
Lens: Yellow 92773

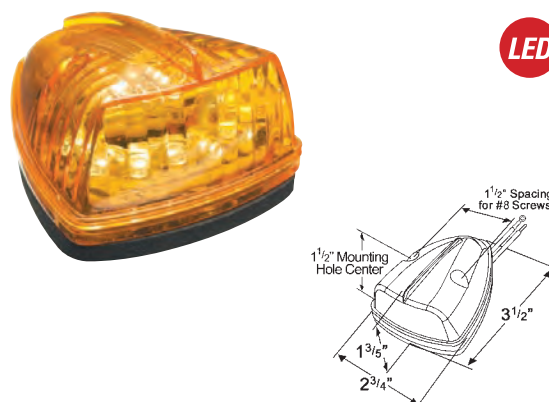


## HI COUNT® SCHOOL BUS WEDGE LED MARKER LAMP

Hermetically sealed construction • Potted circuit board • Mounting gasket included • Blunt cut, hardwire termination • 15 Diodes in both red and yellow lamps • Meets PC when mounted at a 45° only

**G5052** Red **PC**  
**G5053** Yellow **PC**  
**G5053-5** Yellow **RETAIL PC**

Material: Polycarbonate  
FMVSS: P2, PC  
Finish: Red / Yellow  
Volts / Amps: 12V / .1A

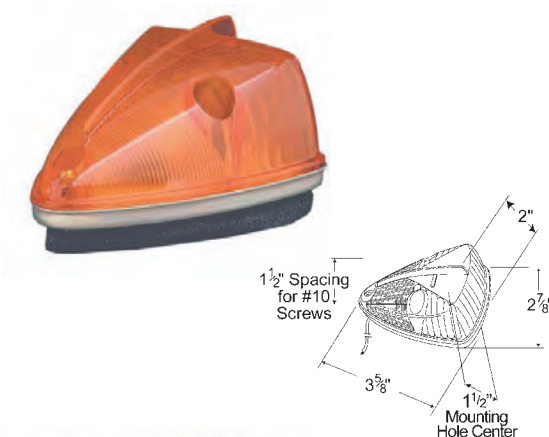


## SCHOOL BUS WEDGE MARKER LAMP

Adaptable front/side/rear mount • Galvanized steel housing • Fits most school bus applications

**46322** Red  
**46323** Yellow

Material: Galvanized Steel / Acrylic  
FMVSS: P2  
Finish: Red / Yellow  
Bulb: #168, 3 CP  
Volts / Amps: 12V / .35A  
Lens: Red 99912, Yellow 99913

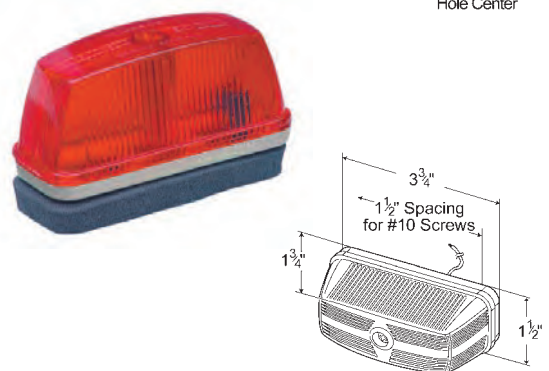


## SCHOOL BUS RECTANGULAR MARKER LAMP

OEM-style • Fits most school bus applications • Includes mounting pad

**46332** Red  
**46333** Yellow

Material: Zinc / Acrylic  
FMVSS: P2  
Bulb: #168, 3 CP  
Volts / Amps: 12V / .35A  
Lens: Red 99802, Yellow 99803



# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional



53252



53303



54622

## SUPERNOVA® 4" 10-DIODE PATTERN LED STOP/TAIL/TURN LAMP

Lens design spreads light for maximum dispersion • Encapsulant potting for total circuit board protection • Hermetic lens-to-housing seal • Advanced Pin Connection System uses tin-plated, solid brass pin terminals • Uses same UBS pigtail as male pin incandescent

### STOP/TAIL/TURN:

- 53252** Red, Grommet Mount, Male Pin
- 53272** Red, Gray Theft-Resistant Flange, Male Pin
- 53282** Red, White Theft-Resistant Flange, Male Pin
- 53292** Red, Black Theft-Resistant Flange, Male Pin
- 53302** Red, Stainless Steel Theft-Resistant Flange, Male Pin
- 52092** Red, Grommet Mount, Male Pin **24**  
VOLT
- 54622** Red, Integrated Flange w/ Gasket, Male Pin **NEW**
- 53552** Red, Grommet Mount, Hard Shell
- 54042** Red, Stainless Steel Snap-In Flange, Hard Shell
- 53532** Red, Grommet Mount, Hardwire

### STOP/TAIL/TURN KITS:

- 53462** Red, Male Pin, (53252 + 91740 + 67002)
- 53432** Red, Male Pin, (53302 + 67002)
- 53342** Red, Male Pin, (53252 + 66830)

### AUXILIARY:

- 53253** Yellow, Grommet Mount, Male Pin
- 52093** Yellow, Grommet Mount, Male Pin **24**  
VOLT
- 53273** Yellow, Gray Theft-Resistant Flange, Male Pin
- 53293** Yellow, Black Theft-Resistant Flange, Male Pin
- 53303** Yellow, Stainless Steel Theft-Resistant Flange, Male Pin
- 53553** Yellow, Grommet Mount, Hard Shell

Material: Acrylic / ABS

FMVSS: S/T/T - I, P2, S, T; Auxiliary - P2

Finish: Red / Yellow

Volts / Amps: Red - 12V / .24A (I,S)/.03A (T)

Volts / Amps: Yellow - 12V / .15A (P2)

Volts / Amps: Red - 24V / .24A(I,S)/.03A (T)

Volts / Amps: Yellow - 24V / .12A (P2)

Accessory: Reflective Flange: Red 43702

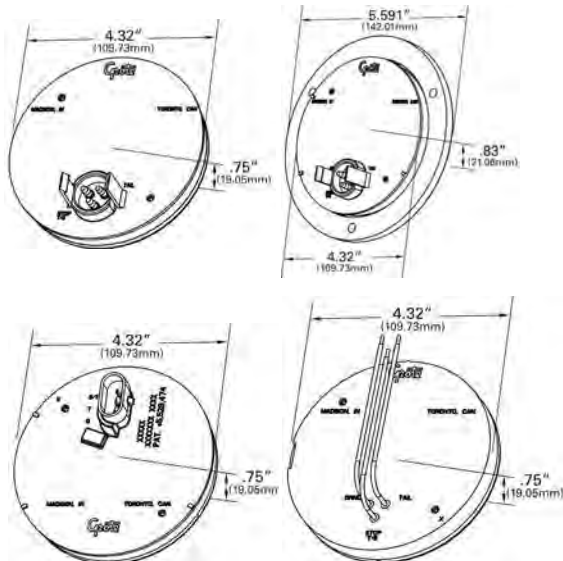
Bracket: 93552, 43253, 92510, 92512, 92513, 43572, 43642, 43655, 43732, 93190,

93550, 93553, 93683, 92511, 51090

Grommet: 91740, 91950

Pigtail: Male Pin: 66815, 67002, 66841, 66816, 67005, 66845

Hard Shell: 66861, 66862



## SUPERNOVA® 4" FULL-PATTERN LED STOP/TAIL/TURN LAMP



Encapsulant potting for total circuit board protection • Hermetic lens-to-housing seal • Advanced pin connection system uses tin-plated, solid brass pin terminations

### STOP/TAIL/TURN:

- 53312** Red, Grommet Mount, Male Pin
- 52162** Red, Grommet Mount, Male Pin 24 Volts
- 53322** Red, White Theft-Resistant Flange, Male Pin
- 53182** Red, Black Theft-Resistant Flange, Male Pin
- 53192** Red, Stainless Steel Theft-Resistant Flange, Male Pin
- 54562** Red, Grommet Mount, Hard Shell NEW

### 3 PIN REAR TURN:

- 53413** Yellow, Grommet Mount, Male Pin
- 53523** Yellow, Stainless Steel Theft-Resistant Flange, Male Pin
- 52163** Yellow, Grommet Mount, Male Pin 24 Volts

### FRONT PARK/TURN:

- 53313** Yellow, Grommet Mount, Male Pin

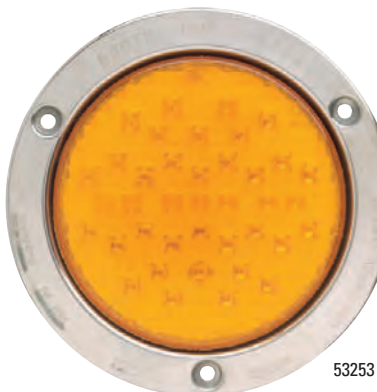
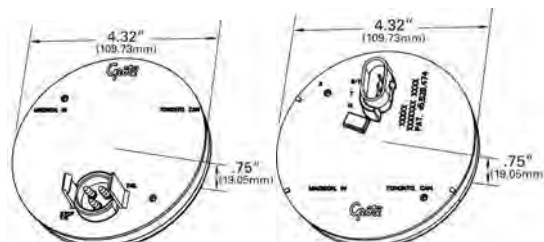
### 2 PIN REAR TURN:

- 55103** Yellow, Grommet Mount, Male Pin

Material: Acrylic / ABS  
 FMVSS: S / T / T - I, P2, S, T, Rear Turn - I; Front P / T - I, P  
 Finish: Red / Yellow  
 Volts / Amps: Red - 12V / .48A (I,S) / .04A (P2,T)  
 Volts / Amps: Rear Turn - 12V / .71A (I) / .14A (P2)  
 Volts / Amps: Front P/T - 12V / 1.06A (I) / .13A (P,P2)  
 Volts / Amps: Red - 24V / .2A (I,S) / .02A (P2,T)  
 Volts / Amps: Yellow - 24V / .34A (I) / .06A (P2)  
 Bracket: 93552, 43253, 92510, 92512, 92513, 43572, 43642, 43655, 43732, 93190, 93550, 93553, 93683  
 Grommet: 91740, 91950  
 Pigtail: Male Pin: 66815, 67002, 66841, 66816, 67005, 66845  
 Hard Shell: 66861, 66862



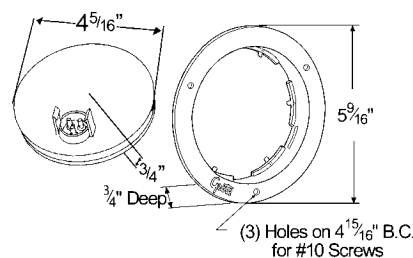
53312



53253



53182

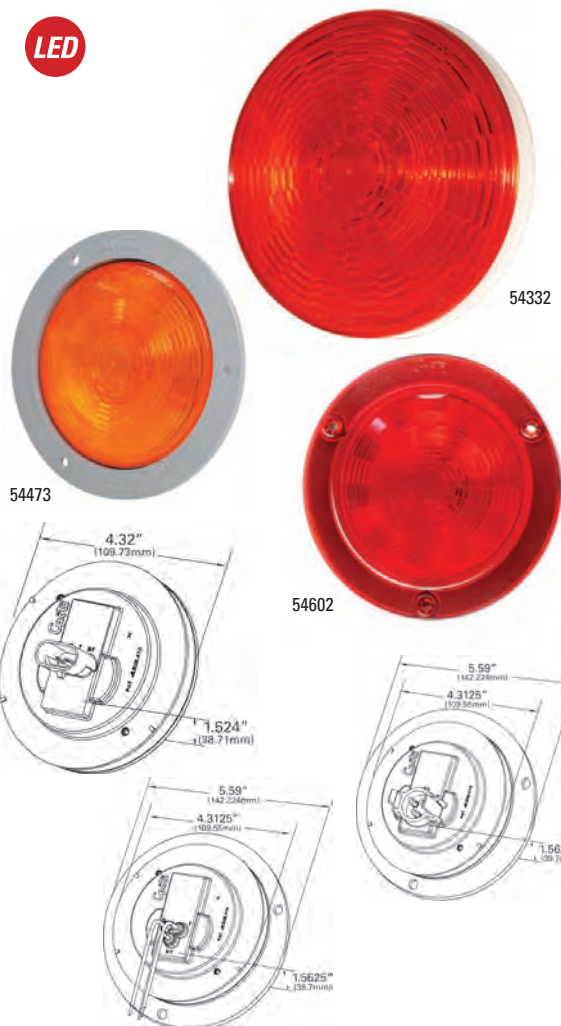




# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional

LED



## SUPERNOVA® 4" NEXGEN™ LED STOP/TAIL/TURN

Less current draw than standard incandescent lamps, leaving more power available to other vehicle systems • Uses existing pigtailed and wiring for cost-effective retrofit • 20% less current draw than major competitor LED products • Fits all Grote bracket and grommet mounting options • Fully encapsulated circuitry for total circuit board protection • Similar look to incandescent light, which helps prevent theft

### STOP/TAIL/TURN:

54332	Red, Grommet Mount, Male Pin	
54462	Red, White Flange, Male Pin	
54472	Red, Gray Flange, Male Pin	
54482	Red, Black Flange, Male Pin	
54492	Red, Stainless Steel Flange, Male Pin	
54602	Red, Integrated Flange w/ Gasket, Male Pin	NEW
54362	Red, Grommet Mount, Hard Shell	
54572	Red, Integrated Flange w/ Gasket, Hard Shell	NEW
54582	Red, Integrated Flange w/ Gasket, Hardwire	NEW

### AUXILIARY:

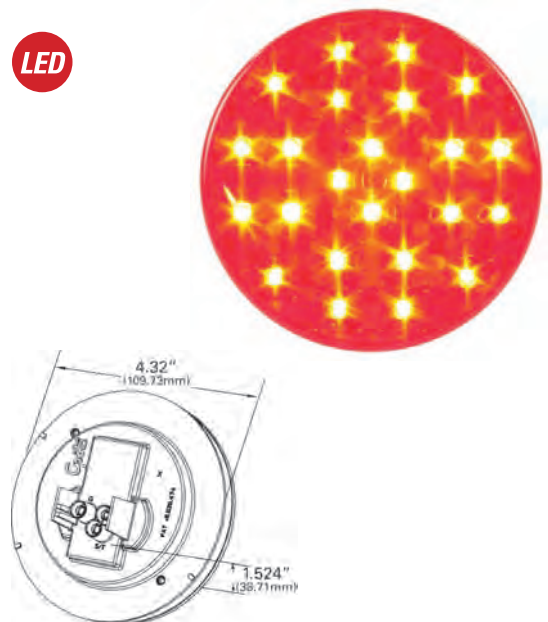
54333	Yellow, Grommet Mount, Male Pin
54463	Yellow, White Flange, Male Pin
54473	Yellow, Gray Flange, Male Pin
54483	Yellow, Black Flange, Male Pin
54493	Yellow, Stainless Steel Flange, Male Pin
54363	Yellow, Grommet Mount, Hard Shell

### 2-PIN TURN LAMP:

54643	Yellow, Grommet Mount, Male Pin	NEW
54633	Yellow, Integrated Flange w/ Gasket, Male Pin	NEW

Material: Acrylic / ABS  
 FMVSS: S / T / T- I, P2, S, T- Auxiliary- P2  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .24A (I, S) / .03A (T)  
 Bracket: 93552, 43253, 92510, 92511, 92512, 92513, 43572, 43642, 43655, 43732, 93190, 93550, 93683, 51090  
 Grommet: 91740, 91950  
 Pigtail: Male Pin: 66815, 67002, 66841, 66816, 67005, 66845; Hard Shell: 66861, 66862

LED



## HI COUNT® 4" LED STOP/TAIL/TURN LAMP

Standard female connection accepts all popular plug-in connectors  
 • Concentric, high-count diode design: 24 in red, 39 in yellow • Fits all popular mountings and grommets

### STOP/TAIL/TURN:

G4002	Red	
G4002-5	Red	RETAIL
G4022	Red, Clear Lens	

### STOP/TAIL/TURN KIT:

G4012	Red (G4002 + 91740 + 67090)
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### AUXILIARY:

G4003	Yellow	
G4003-5	Yellow	RETAIL

Material: ABS/ Acrylic  
 FMVSS: Red - I, P2, S, T; Yellow - Auxiliary  
 Finish: Red / Yellow  
 Volts / Amps: Red - 12V / .48A (I, S) / .04A (P2, T); Yellow - 12V / .71A (I)  
 Bracket: 93552, 43253, 92510, 92511, 92512, 92513, 43572, 43642, 43655, 43732, 93190, 93550, 93683, 51090  
 Grommet: 91740, 91950  
 Pigtail: 66825, 67000, 66812, 66844, 66843, 66811, 67090

# Stop/Tail/Turn Lamps

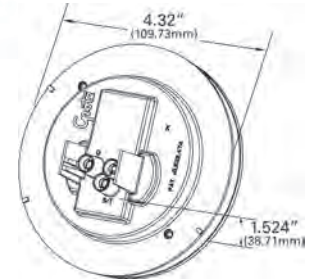
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## GROTE SELECT™ 4" LED STOP/TAIL/TURN

Faster light-on response time provides greater stopping alert distance than incandescent lamps • Longer life and less current draw than standard incandescent lamps leaves more voltage available to other vehicle systems • Uses existing pigtails and wiring for cost-effective retrofit • Similar look to incandescent light which helps prevent theft • Hermetic lens-to-housing seal prevents moisture intrusion

- 54342** Red, Female Pin
- 54343** Yellow, Female Pin

Material: ABS / Acrylic  
 FMVSS: S / T / T- I, P2, S, T; Auxiliary- P2  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .24A (I,S) / .03A (T)  
 Bracket: 93552, 43253, 92510, 92511, 92512, 92513, 43572, 43642, 43655, 43732, 93190, 93550, 93553, 93683, 51090  
 Grommet: 91740, 91950  
 Pigtail: 66825, 67000, 66812, 66844, 66843, 66811, 67090



## TORSION MOUNT® II 4" STOP/TAIL/TURN LAMP

Torsion Mount® II Gel-Mount®, bulb cradle design • Heavy-duty bulb provides greater reliability • O-ring seal and male pin design reduce corrosion • Locking tabs ensure solid pigtail connection • 53100 lamp has clear back for interior illumination

### STOP/TAIL/TURN:

- 53102** Red, Male Pin
- 53102-5** Red, Male Pin RETAIL
- 53100** Red, Clear Housing, Male Pin
- 52770** Red, Clear Housing, Female Pin
- 52772** Red, Female Pin
- 52772-5** Red, Female Pin RETAIL
- 52152** Red, Female Pin 24V

### STOP/TAIL/TURN KIT:

- 53112** Red, Male Pin (53102 + 91740 + 67002)
- 52782** Red, Female Pin (52772 + 91740 + 67000)

### FRONT PARK/TURN:

- 53103** Yellow, Male Pin
- 52773** Yellow, Female Pin
- 52153** Yellow, Female Pin 24V

### SINGLE FUNCTION:

- 55572** Red, Female Pin
- 55573** Yellow, Female Pin

### BUILT-IN REFLECTOR:

- 52672** Red, Female Pin
- 52682** Red, Female Pin (52672 + 91740 + 67000)

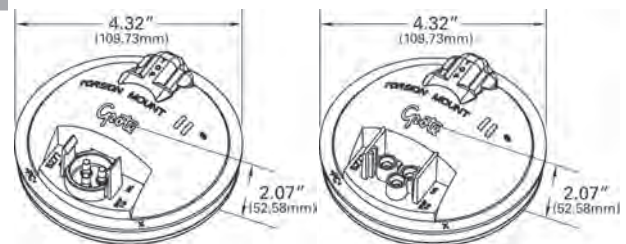
Material: Polycarbonate  
 FMVSS: Red - I, P2, S, T; Yellow - I, P; 53100 - I, S, T  
 Finish: Red / Yellow  
 Bulb: 32/2 C.P.  
 Volts / Amps: Red - 12V / 2.1A (I,S)/.48A (P2,T)  
 Volts / Amps: Yellow - 12V / 2.1A (I)/.48A (P)  
 Bracket: 43572, 43253, 92510, 92512, 92513, 43642, 43655  
 Grommet: 91740, 91950  
 Pigtail: Male Pin: 66815, 67002, 66841, 66816, 67005, 66845; Female Pin: 66825, 67000, 66812, 66844, 66843, 66811, 67090



53102

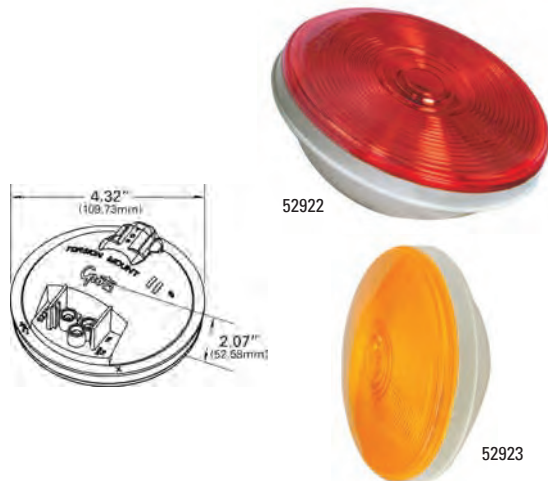


53103



# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional



## 4" ECONOMY STOP/TAIL/TURN LAMP

Standard female connection • Fits all competitive pigtails, brackets and grommets • Hermetic lens-to-housing seal

### STOP/TAIL/TURN:

<b>52922</b>	Red, Female Pin	
<b>52922-5</b>	Red, Female Pin	<b>RETAIL</b>
<b>52692</b>	Red, White Theft-Resistant Flange, Female Pin	
<b>53612</b>	Red, Gray Theft-Resistant Flange, Female Pin	

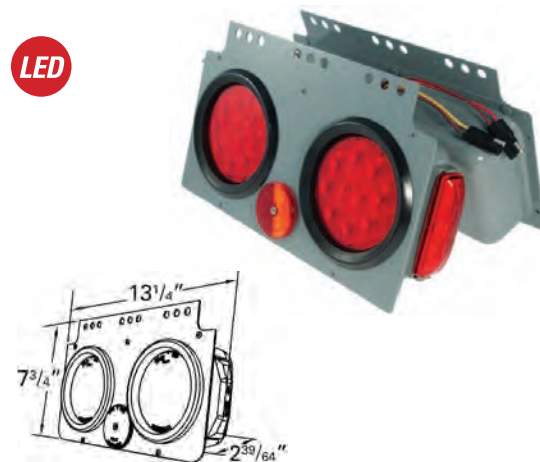
### STOP/TAIL/TURN KIT:

<b>53012</b>	Red, Female Pin (52922 + 91740 + 67090)	
<b>53012-5</b>	Red, Female Pin (52922 + 91740 + 67090)	<b>RETAIL</b>

### FRONT PARK/TURN:

<b>52923</b>	Yellow, Female Pin
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Material: Polycarbonate  
 FMVSS: Red - I, P2, S, T; Yellow - I, P  
 Finish: Red / Yellow  
 Bulb: 32/2 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.48A (T,P,P2)  
 Bracket: 43572, 92510, 92512, 92513  
 Grommet: 91740, 91950  
 Pigtail: 66825, 67000, 66812, 66844, 66843, 66811, 67090



## SUPERNOVA® 10-DIODE LED STOP/TAIL/TURN POWER MODULE WITH SIDEMARKER

Heavy-gauge steel plate and can • Pre-assembled with wiring • Uses SuperNova® 10-Diode Pattern 4" LED lamps • Exceeds SAE J914, Nov. '87  
 • Includes reflector

<b>51002</b>	Red, Male Pin, RH
<b>51012</b>	Red, Male Pin, LH

Material: Steel, Acrylic, ABS  
 FMVSS: A, I, P2, S, T  
 Finish: Gray/Red  
 Volts / Amps: 12V / .24A (I,S)/.06A (P2)/.03A (T)  
 Accessory: Lamp: S/T/T 53252; Marker 47092  
 Bracket: 51020 - RH, 51030 - LH  
 Grommet: 91740

## STOP/TAIL/TURN 4" LAMP POWER MODULE

Heavy-gauge steel plate and can • Torsion Mount® II 4" round sealed lamps  
 • Right or left hand application • Includes reflector

<b>51052</b>	Red
--------------	-----

Material: Steel, Polycarbonate  
 FMVSS: A, I, P2, S, T  
 Finish: Gray/Red  
 Bulb: 32/2 CP  
 Volts / Amps: 12V / 2.1A (I)/2.1A (S)/.48A (P2)/.48A (T)  
 Accessory: Lamp: S/T/T - Red 52922  
 Bracket: 51090  
 Grommet: 91740

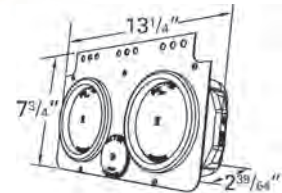


## STOP/TAIL/TURN 4" LAMP POWER MODULE WITH SIDEMARKER

Heavy-gauge steel plate and can • Includes reflector

**51022** Red, RH  
**51032** Red, LH

Material: Steel, Polycarbonate  
 FMVSS: A, I, P2, S, T  
 Finish: Gray  
 Bulb: S/T/T - 32/2 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.48A (P2,T)  
 Bulb: Sidemarker - (2) 2 CP  
 Volts / Amps: 12V / .54A (P2)  
 Accessory: Lamps: S/T/T 52922; Marker 46742  
 Bracket: 51020 - RH, 51030 - LH  
 Grommet: 91740

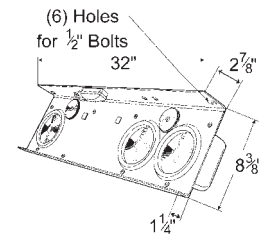


## POWER UNIT MODULE

Heavy-gauge steel plate and can • Torsion Mount® II 4" round female pin S/T/T lamps • Pre-assembled wiring harness and 5-way connector  
 • Includes reflector

**50820** Female Pin Lamps

Material: Steel, Polycarbonate  
 FMVSS: A, I, L, R, S, T  
 Finish: Black  
 Bulb: S/T/T - 32/2 CP  
 Volts / Amps: 12V - 4.2A (I,S)/.96A (P2,T)  
 Bulb: Backup - (2) 32 CP  
 Volts / Amps: 12V / 2.1A (R)  
 Bulb: License - 2 CP  
 Volts / Amps: 12V / .66A (L)  
 Accessory: Lamp: S/T/T - Female Pin 52772; Backup - Female Pin 62271;  
 License - 60291; License Bracket 43780; Reflector - 40092; Grommet: 91740



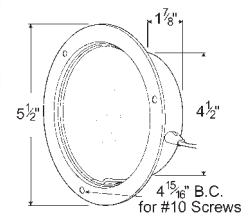
## FIELD RESEALABLE STAINLESS STEEL LAMP

Electro-polished stainless steel body • Torsion Mount® bulb cradle design  
 • Polycarbonate lens

**DOUBLE CONTACT:**

**52612** Red

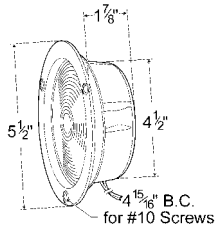
Material: Stainless Steel/Polycarbonate  
 FMVSS: I, P2, P3, S, T  
 Finish: Red / Stainless  
 Bulb: #1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (P2,P3,T)  
 Pigtail: 68130  
 Lens: 90762





# Stop/Tail/Turn Lamps

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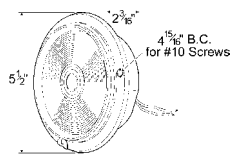
## PLASTIC HOUSING LAMP

Snap-ring lens application • 2-wire pigtail

### DOUBLE CONTACT:

**50222** Red

Material: Polypropylene/Acrylic  
 FMVSS: I, P2, P3, S, T  
 Finish: Red / Black  
 Bulb: #1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (P2,P3,T)  
 Accessory: Snap Ring 99593  
 Pigtail: 68130  
 Lens: Red 90012



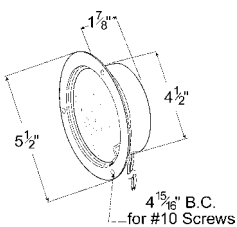
## RUBBER HOUSING LAMP

Lens held in by rubber flange • Standard exterior wiring • Brass eyelets in two mounting holes

### DOUBLE CONTACT:

**50502** Red

Material: Rubber/Acrylic  
 FMVSS: I, P2, P3, S, T  
 Finish: Red / Black  
 Bulb: #1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (P2,P3,T)  
 Pigtail: 68150  
 Lens: Red 90012



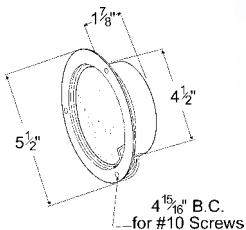
## ECONOMY STAINLESS STEEL LAMP

Easy snap-on lens • Rugged stainless steel construction

### DOUBLE CONTACT:

**52522** Red

Material: Stainless Steel/Polycarbonate  
 FMVSS: I, P2, P3, S, T  
 Finish: Red / Stainless  
 Bulb: #1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (P2,P3,T)  
 Pigtail: 68150  
 Lens: Red 90762



## ECONOMY STEEL LAMP

Rugged steel construction • Easy snap-on lens

### DOUBLE CONTACT:

**50232** Red

**50232-5** Red **RETAIL**

### SINGLE CONTACT:

**55092** Red

Material: Steel / Acrylic  
 FMVSS: Double - I, P2, P3, S, T; Single - I, S  
 Finish: Red / Black  
 Bulb: #1156, 32 CP  
 Volts / Amps: 12 V - 2.1(I,S)/.59A(T)  
 Bulb: #1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (P2,P3,T)  
 Accessory: Snap Ring 99595  
 Pigtail: 68130, 68150  
 Lens: Red 90012

## SUPERNOVA® OVAL LED STOP/TAIL/TURN LAMP

Advanced pin connection system uses tin-plated, solid brass terminals

- Encapsulant potting for total circuit board protection
- Male pin connection for maximum moisture and corrosion protection
- Meets specifications for vertical and horizontal mounting

### STOP/TAIL/TURN:

<b>53962</b>	Red, Grommet Mount
<b>53592</b>	Red, Gray Theft-Resistant Flange
<b>53622</b>	Red, Black Theft-Resistant Flange
<b>53972</b>	Red, Stainless Steel Theft-Resistant Flange
<b>52072</b>	Red, Grommet Mount <b>24</b> Volt

### STOP/TAIL/TURN KIT:

<b>53122</b>	Red (53962 + 92420 + 67005)
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### AUXILIARY:

<b>53963</b>	Yellow, Grommet Mount
<b>53593</b>	Yellow, Gray Theft-Resistant Flange
<b>53623</b>	Yellow, Black Theft-Resistant Flange
<b>53973</b>	Yellow, Stainless Steel Theft-Resistant Flange
<b>52073</b>	Yellow, Grommet Mount <b>24</b> Volt

### AUXILIARY KITS:

<b>53123</b>	Yellow (53963 + 92420 + 67005)
--------------	--------------------------------

Material: ABS/Acrylic

FMVSS: Red - I, P2, S, T; Yellow - P2

Finish: Red / Yellow

Volts / Amps: Red - 12V / .48A (I,S) / .06A (T)

Volts / Amps: Yellow - 12V / .48A

Volts / Amps: Red - 24V / .48A (I,S) / .06A (T)

Volts / Amps: Yellow - 24V / .48A

Bracket: 43362, 43952, 43220, 43223, 43222, 43100, 43723, 42152, 42153, 42103,

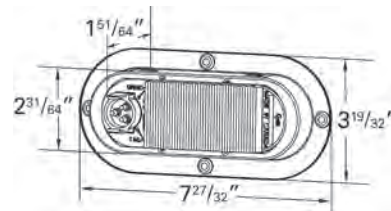
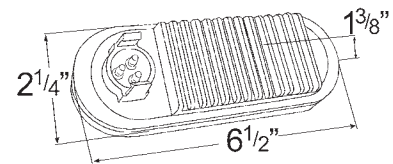
43172; Grommet: 92420, 92720

Pigtail: Male Pin: 66815, 67002, 66841, 66816, 67005, 66845;

Male Pin 2-Wire: 66842, 67013, 66846, 66016



LED



## SUPERNOVA® 9-DIODE OVAL LED STOP /TAIL/TURN LAMP

Available in Grote OEM male pin, hard shell and, hardwired connection options for easy retrofit or replacement

- Electronics completely encapsulated with durable epoxy for maximum protection from the environment
- Fits current mounting flanges and grommets

<b>54132</b>	Red, Male Pin
<b>54133</b>	Yellow, Male Pin
<b>54142</b>	Red, Hard Shell
<b>54143</b>	Yellow, Hard Shell

Material: ABS/Acrylic

FMVSS: I6, P, S, T, P2

Finish: Red/Yellow

Volts / Amps: 13.5V / .02A (T) / .14A (I,S)

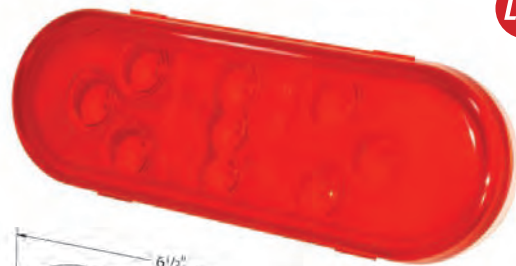
Accessory: Chrome Bezel 42153

Bracket: 43362, 43952, 43220, 43223, 43222, 43100, 43723, 42152, 42153, 42103

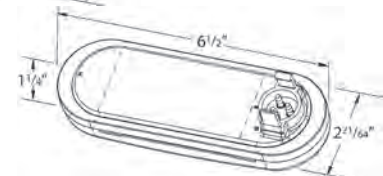
Grommet: 92420, 92720

Pigtail: Male Pin: 66815, 67002, 66841, 66816, 67005, 66845

Hard Shell: 66861, 66862



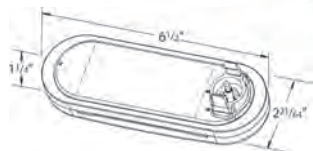
LED



# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional

LED



## SUPERNOVA® NEXGEN™ OVAL LED STOP/TAI/TURN LAMP

Available in Grote male pin and hardwire for retrofit or replacement

- Electronics encapsulated with durable epoxy for maximum protection from the environment
- Fits current mounting flanges and grommets

### STOP/TAI/TURN:

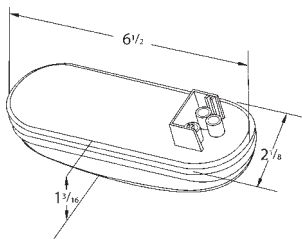
**54162** Red, Male Pin

### AUXILIARY:

**54163** Yellow, Male Pin

Material: ABS/Acrylic  
 FMVSS: I6, P, S, T, P2  
 Finish: Red/Yellow  
 Volts / Amps: 13.5V / .02A (T)/.14A (I,S)  
 Bracket: 43362, 43952, 43220, 43223, 43222, 43100, 43723, 42152, 42153, 42103  
 Grommet: 92420, 92720  
 Pigtail: 66815, 67002, 66841, 66816, 67005, 66845

LED



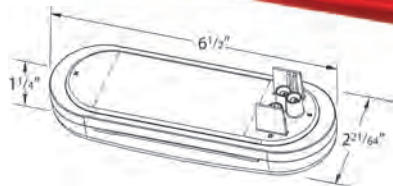
## HI COUNT® 56-DIODE OVAL LED STOP/TAI/TURN LAMP

Female pin connection accepts all popular plug-in connectors • Fits same connections as female incandescent lamps • Lower amp draw of LEDs allows use of more lamps without draining vehicle power • LEDs provide faster stop warning for trailing vehicles

**G6002** Red  
**G6002-5** Red RETAIL  
**G6003** Yellow  
**G6003-5** Yellow RETAIL  
**G6012** Red, Clear Lens  
**G6013** Yellow, Clear Lens

Material: Polycarbonate  
 FMVSS: I, S, T, P, P2  
 Finish: Red / Yellow  
 Volts / Amps: 12V / .43A (I,S)/.05A (T)  
 Bracket: 43362, 43952, 43220, 43223, 43222, 43100, 43723, 42152, 42153, 42103  
 Grommet: 92420, 92720  
 Pigtail: 66825, 67000, 66812, 66844, 66843, 66811, 67090

LED



## GROTE SELECT™ OVAL LED STOP/TAI/TURN LAMP

Encapsulent potting protects against moisture, vibration, and corrosion

- Fits current mounting flanges and grommets
- Female pin connection accepts all popular connectors

### STOP/TAI/TURN:

**54172** Red

### AUXILIARY:

**54173** Yellow

Material: ABS/Acrylic  
 FMVSS: I6, P, S, T, P2  
 Finish: Red/Yellow  
 Volts / Amps: Red 12V / .48A (I,S)/.04A (P2, T)  
 Volts / Amps: Yellow 12V / .71A (I)  
 Bracket: 43362, 43952, 43220, 43223, 43222, 43100, 43723, 42152, 42153, 42103  
 Grommet: 92420, 92720  
 Pigtail: 66825, 67000, 66812, 66844, 66843, 66811, 67090

# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional

61

STOP/TAIL/TURN LAMPS

## TORSION MOUNT® III OVAL STOP/TAILO/TURN LAMP

Torsion Mount® III, Gel-Mount® bulb cradle design minimizes bulb vibration

- Locking tabs ensure solid pigtail connection

### STOP/TAILO/TURN:

52562	Red, Male Pin
52892	Red, Female Pin
52892-5	Red, Female Pin <b>RETAIL</b>

### STOP/TAILO/TURN KIT:

52582	Red, Male Pin (52562 + 92420 + 67002)
52572	Red, Female Pin (52892 + 92420 + 67000)

### FRONT PARK/TURN:

52563	Yellow, Male Pin
52893	Yellow, Female Pin
52893-5	Yellow, Female Pin <b>RETAIL</b>

### FRONT PARK/TURN KIT:

52573	Yellow, Female Pin (52893 + 92420 + 67000)
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### TURN LAMPS:

55772	Red, Female Pin
55773	Yellow, Female Pin

Material: Polycarbonate

FMVSS: Red - I, P2, S, T; Yellow - I, P

Finish: Red / Yellow

Bulb: 32/3 CP

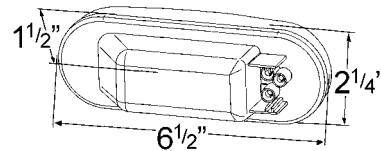
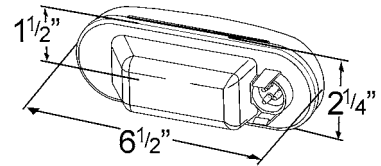
Volts / Amps: 12V / 2.1A (I,S)/.59A (PP2,T)

Bracket: 43362, 43952, 43220, 43223, 43222, 43100, 43723, 42152, 42153, 42103

Grommet: 92420, 92720

Pigtail: Male Pin: 66815, 67002, 66841, 66816, 67005, 66845;

Female Pin: 66825, 67000, 66812, 66844, 66843, 66811, 67090



## ECONOMY OVAL STOP/TAILO/TURN

Female pin connection • Available in both red and amber

### STOP/TAILO/TURN:

52182	Red
52182-5	Red <b>RETAIL</b>

### STOP/TAILO/TURN KIT:

53092	Red (52182 + 92420 + 67090)
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### FRONT PARK/TURN:

52183	Yellow
52183-5	Yellow <b>RETAIL</b>

### FRONT PARK/TURN KIT:

53093	Yellow (52183 + 92420 + 67090)
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Material: Polycarbonate

FMVSS: Red - I, P2, S, T; Yellow - I, P

Finish: Red/Yellow

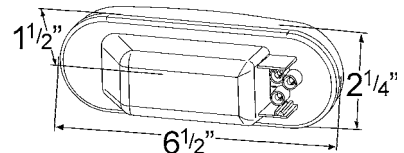
Bulb: 32/3 C.P.

Volts / Amps: 12V / 2.1A (I,S)/.59A (PP2,T)

Bracket: 43362, 43952, 43220, 43223, 43222, 43100, 43723, 42152, 42153, 42103

Grommet: 92420, 92720

Pigtail: 66825, 67000, 66812, 66844, 66843, 66811, 67090



grote.com

Grote

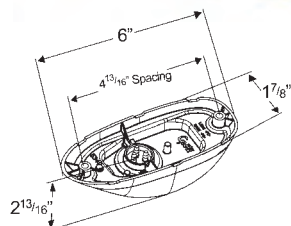
61



# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional

LED



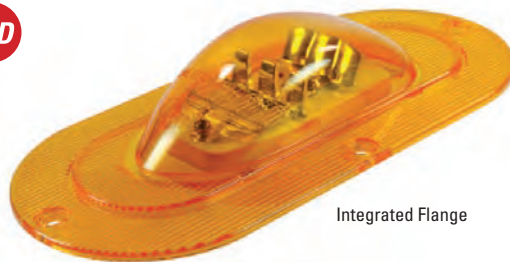
## SUPERNOVA® SURFACE MOUNT LED SIDE TURN/MARKER LAMP

50 state legal, meets SAE J914 E/E2 and California Title 13 • Meets California Title 13 requirements • Lamp is visible from driver's rearview mirror while flashing • Metal-core circuit board dissipates heat from electronic components to extend LED life • Durable screw bosses withstand excessive screw torque without cracking • Industry-standard 122.2-mm mounting for easy retrofits

**53493** Yellow

Material: Polycarbonate  
FMVSS: Optic - E, E2, P2  
Finish: Yellow  
Volts / Amps: 12V / .35A (E/E2)/.82A (P2)  
Pigtail: 66905, 66904, 66900

LED

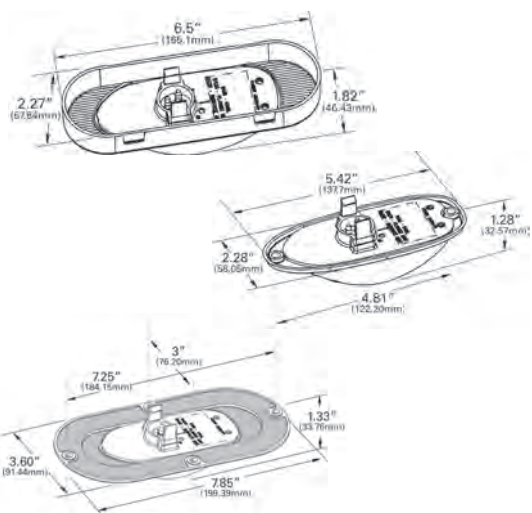


Integrated Flange



Grommet Mount

Surface Mount



## SUPERNOVA® OVAL LED SIDE TURN/MARKER LAMPS

Flashing turn signal is visible to driver during operation • Available in recessed grommet/flange, surface, and integral flange mount versions • Male pin and hard shell connection options • 50 state legal, meets SAE J914 E/E2 and California Title 13 • Single circuit board and single reflector component design

### GROMMET MOUNT:

- 54183** Yellow, Male Pin **NEW**  
**54193** Yellow, Hard Shell **NEW**  
**54253** Yellow, Male Pin, w/ Black Theft-Resistant Flange **NEW**  
**54263** Yellow, Male Pin, w/ Stainless Steel Theft-Resistant Flange **NEW**  
**54243** Yellow, Male Pin, w/ Gray Theft-Resistant Flange **NEW**

### INTEGRATED FLANGE MOUNT:

- 54203** Yellow, Male Pin **NEW**  
**54213** Yellow, Hard Shell **NEW**

### SURFACE MOUNT:

- 54223** Yellow, Male Pin **NEW**  
**54233** Yellow, Hard Shell **NEW**

Material: Polycarbonate  
FMVSS: Optic - E, E2, P2  
Finish: Yellow  
Volts / Amps: 13.5V / .45A/.06A  
Bracket: 43362, 43952, 43220, 43223, 43222, 43100, 43723, 42152, 42153, 42103  
Grommet: 92420, 92720  
Pigtail: Male Pin: Male Pin: 66815, 67002, 66841, 66816, 67005, 66845  
Hard Shell: 66861, 66862

## LED HYBRID SIDE TURN/MARKER LAMP

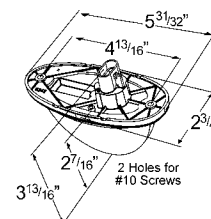
Hybrid LED/Incandescent technology provides a low cost-to-life ratio with an incandescent flashing function and an LED marker • 1,200-hour, field-replaceable midturn bulb • Vent filters in housing expel water vapor when lamp is lit to prevent water pooling inside lamp • Foam gasket provides protection against moisture intrusion • Sealed Packard® style connector minimizes potential failure points associated with conventional pigtail connections • Used on Navistar® vehicles

**52423** Yellow

Material: Polycarbonate  
 FMVSS: E, E2, P2  
 Finish: Yellow  
 LED: Volts / Amps: 12V / .06A (P2)  
 Bulb: 3156K, 32 C.P.; Volts / Amps: 12V / 2.1A (E, E2)  
 Pigtail: 66826



LED



## TORSION MOUNT™ III OVAL SIDETURN/MARKER LAMP

Torsion Mount® III, Gel-Mount® bulb cradle design minimizes bulb vibration • Extended dome for added visibility from front and rear • Fits standard oval lamp grommets and brackets • Contains reflex reflector • Exceeds SAE J914, Nov. '87

### SIDE TURN/MARKER:

**52533** Yellow, Male Pin  
**52513** Yellow, Female Pin

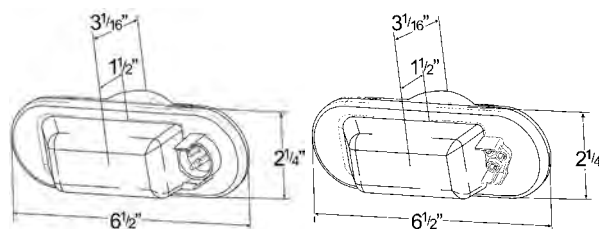
### SIDE TURN/MARKER KIT:

**52553** Yellow, Male Pin (52533 + 92420 + 67002)  
**52543** Yellow, Female Pin (52513 + 92420 + 67000)

### SIDE MARKER:

**52512** Red, Female Pin

Material: Polycarbonate  
 FMVSS: A, E, P2, P3  
 Finish: Red, Yellow  
 Bulb: 32/3 C.P.; Volts / Amps: 12V / 2.1A (E)/.59A (P2,P3)  
 Bracket: 43362, 43952, 43220, 43223, 43222, 43100, 43723, 42152, 42153, 42103  
 Grommet: 92420, 92720  
 Pigtail: Male Pin: 66815, 67002, 66841, 66816, 67005, 66845  
 Female Pin: 66825, 67000, 66812, 66844, 66843, 66811, 67090



## ECONOMY OVAL SIDETURN/MARKER LAMP

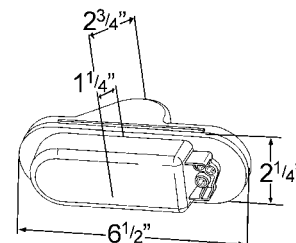
Hermetic lens-to-housing seal • Vibration resistant bulb mounting system • Standard female pin connection

**52193** Yellow

### KITS:

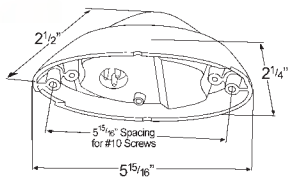
**52253** Yellow (52193 + 92420 + 67090)

Material: Polycarbonate  
 FMVSS: A, E, P2  
 Finish: Yellow  
 Bulb: 32/2 CP  
 Volts / Amps: 12V / 2.1A (E)/.48A (P2)  
 Bracket: 43362, 43952, 43220, 43223, 43222, 43100, 43723, 42152, 42153, 42103  
 Grommet: 92420, 92720  
 Pigtail: 66825, 67000, 66812, 66844, 66843, 66811, 67090



# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional



## SMALL AERODYNAMIC COMBINATION MARKER/SIDE TURN LAMP

One-way check valve expels water • High-impact base, polycarbonate lens  
 • Uses reliable #3157, wedge base bulb • Retrofits to Sentry lamp 53063 and 53163 • Great upgrade/replacement on Freightliner® midturn lamps  
 • Exceeds SAE J2039 June '94

### SIDE TURN/MARKER:

**52023** Yellow, Black Base  
**52063** Yellow, White Base

### SIDE MARKER:

**52062** Red, White Base

Material: Polycarbonate  
 FMVSS: Red - P2, PC; Yellow - E, P2  
 Finish: Red / Yellow  
 Bulb: #3157, 32/2 CP  
 Volts / Amps: 12V / 2.1A (E)/.59A (P2,P3,PC)  
 Pigtail: 66905, 66904, 66900, 66901, 66920, 66903  
 Lens: Red 92892, Yellow 92893



53833



## OEM SIDE TURN MARKER LAMP

Surface mount lamp • Combination turn signal and side marker (53853 only)  
 • 4 1/2" mounting holes • Lens hermetically sealed to the base  
 • Includes Packard connector and mounting pad

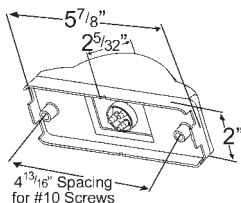
### SIDE TURN:

**53833** Yellow, Sealed

### SIDE TURN/MARKER:

**53853** Yellow, Bulb Replaceable

Material: Polycarbonate  
 FMVSS: 53853 - E, P2 / 53833 - E  
 Finish: Yellow  
 Bulb: 53833- #3156, 26 Watts  
 Volts / Amps: 12.8V / 2.1A  
 Bulb: 53853 - P27/7W  
 Volts / Amps: 12.8V - 14.0V / 2.1A - .59A



## SENTRY SEALED COMBINATION MARKER/SIDE TURN LAMP

High-impact base • Uses male pin connection; accepts UBS pigtail • Not recommended for rear of vehicles in padded dock applications • Yellow exceeds SAE J914 Nov. '87 • Sentry lamp is available only from Grote Industries

### SIDE MARKER:

**53062** Red, White Base

### SIDE TURN/MARKER:

**53063** Yellow, White Base

### SIDE TURN:

**53163** Yellow, Black Base

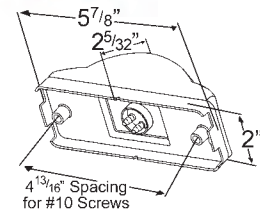
Material: Polycarbonate  
 FMVSS: 53163 - E2; 53063 - E2, P2  
 Finish: Red / Yellow  
 Bulb: #1141, Single Function - 21 CP  
 Volts / Amps: 12V / 1.34A (E2)  
 Bulb: #1016, Multi-Function - 21/6 CP  
 Volts / Amps: 12V / 1.34A (E2)/.59A (P2)  
 Pigtail: Multi-Function - 66905, 66900, 66903, 66904  
 Single Function - 66902, 66920

## SENTRY SUPPLEMENTAL HIGH MOUNT STOP LAMP

Application for vehicles over 80" only • High-impact base • Single filament bulb • Not recommended for rear of vehicle in padded dock applications • Must be used in conjunction with a legal CHMSL

**54012** Red

Material: Polycarbonate  
 FMVSS: U  
 Finish: Red  
 Bulb: 21 CP  
 Volts / Amps: 12V / 1.34A  
 Pigtail: 66902



## FONTAINE® REVOLUTION LED LAMP SYSTEM

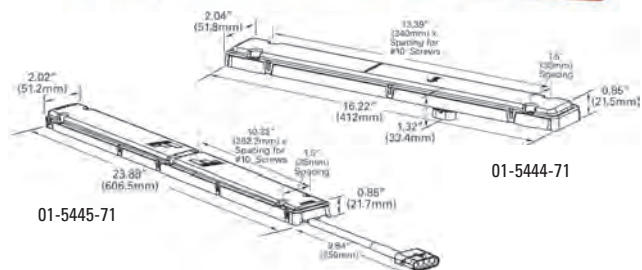
Unique and innovative lighting system developed for Fontaine® Trailers  
 • Stop, tail, turn system utilizes one lamp that can be rotated for left-hand or right-hand installations

**01-5445-71** S/T/T Lamp LH/RH  
**01-5444-71** High Mount Stop/Turn Clearance or ID Lamp

Material: Acrylic/ABS  
 FMVSS: I, P2, S, T (STT), P2, U (CHMSL)  
 Finish: Red  
 Volts / Amps: 01-5444-71 - 12V / .03A / .21A  
 Volts / Amps: 01-5445-71 - 12V / .127A / .21A / .21A



LED



## SUPERNOVA® TURTLEBACK® II LED HIGH-MOUNT STOP/TURN AND MARKER LAMP

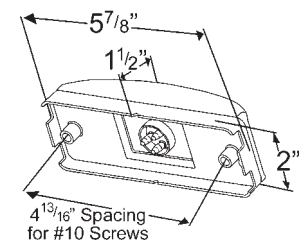
Lamp functions as a marker, clearance, ID, and supplemental high-mount stop or turn lamp • Supplemental high-mount function provides greater visibility in a location that normally serves as an ID function or clearance function  
 • Sealed Turtleback® II lens profile makes lamp more durable and impact resistant • Circuit board coated with encapsulant potting provides protection from vibration, corrosion and moisture • Three-wire connection

**54002** Red

Material: Polycarbonate  
 FMVSS: P2, U  
 Finish: Red  
 Volts / Amps: 12V / .25A (U)/.025A (P2)  
 Bracket: 43030, 43050  
 Pigtail: 66815, 67002, 66841, 66816, 67005, 66845



LED

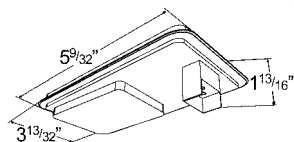




# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional

LED

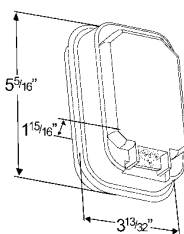


## HI COUNT® RECTANGULAR LED STOP/TAIL/TURN LAMP

15 Diodes • Vertical or horizontal mount • Hermetically sealed polycarbonate lens and body • Standard female pin connection provides easy retrofits • LED instant-on feature provides early stop warning for trailing motorists • Yellow lens meets photometric requirements for front park and turn • Potted circuit board protects against vibration and corrosion

**G4502** Red  
**G4503** Yellow

Material: Polycarbonate  
FMVSS: I, P2, S, T  
Finish: Red / Yellow  
Volts / Amps: Red - 12V / .50A (I,S)/.07 (P2,T)  
Volts / Amps: Yellow - 12V / .52A (I)/.09A (P)  
Bracket: 43212  
Grommet: 94180  
Pigtail: 66825, 67000, 66812, 66844, 66843, 66811, 67090



## RECTANGULAR STOP/TAI/TURN LAMP

Rubber shock mounted bulb socket • Hermetic lens-to-housing sealed lamp  
• Industry standard female pin connection

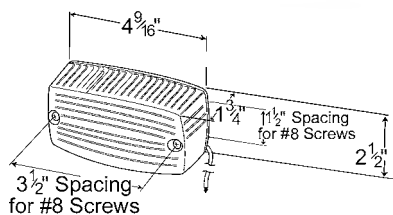
**STOP/TAI/TURN LAMP (DOUBLE CONTACT):**

**52202** Red

**PARK/TURN LAMP (DOUBLE CONTACT):**

**52203** Yellow

Material: Polycarbonate  
FMVSS: 52202 - I, P2, S, T; 52203 - I, P  
Finish: Red / Yellow  
Bulb: 32/2 CP  
Volts / Amps: 52202 - 12V / 2.1A (S,I)/.48A (P2,T)  
Volts / Amps: 52203 - 12V / 2.1A (I)/.48A (P)  
Bracket: 43212  
Grommet: 94180  
Pigtail: 66825, 67000, 66812, 66844, 66843, 66811, 67090



## RECTANGULAR SURFACE MOUNT TURN LAMP

Double-filament bulb provides park and turn function • 3 1/2" mounting centers • Less than 75 sq. cm lens area • For use on vehicles less than 80" wide

**53132** Red  
**53133** Yellow

Material: Steel/Polycarbonate  
FMVSS: Red - I, S, T; Yellow - I, P  
Finish: Red / Yellow  
Bulb: #2057, 32/2 CP  
Volts / Amps: 12V / 2.1A (I,S)/.48A (P,T)

## SUPERNOVA® THREE-STUD METRI-PACK® LED STOP/TAI/TURN LAMP

SuperNova® single-LED technology in both the S/T/T and license function

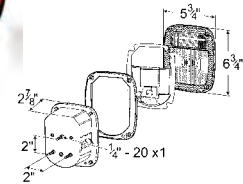
- Encapsulant potting for total circuit board protection
- Replaces GM® 15613944 and 15565732 (53630), 15613943 and 15565731 (53640)
- LED replacement for Navistar® 1661282C91 (53630)
- Includes reflex reflector

**53630** Red, RH  
**53640** Red, LH w/ License Window

Material: Polycarbonate  
 FMVSS: A, I, L, (2)R, S, T  
 Finish: Red  
 Bulb: 1156 32CP (L)  
 Volts / Amps: 12V / 2.1A (R2)/.35A (I,S)/.16A (L,T)  
 Bracket: 43842  
 Pigtail: 68680  
 Lens: 91302



LED



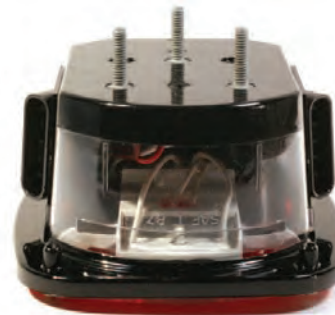
## SUPERNOVA® THREE-STUD METRI-PACK® LED STOP/TAI/TURN LAMP WITH DOUBLE CONNECTOR

Features Grote's latest SuperNova® single-LED technology in both the S/T/T and license function

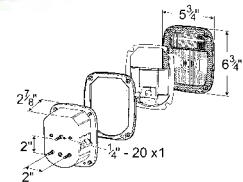
- Encapsulant potting for total circuit board protection
- LED replacement for Navistar® 1661281C91
- Backup function remains incandescent
- Includes reflex reflector

**WITH LICENSE LAMP:**  
**53650** Red

Material: Polycarbonate  
 FMVSS: A, I, L, (2)R, S, T  
 Finish: Red  
 Bulb: 1156 32CP (L)  
 Volts / Amps: 12V / 2.1A (R2)/.35A (I,S)/.16A (L,T)  
 Bracket: 43842  
 Pigtail: 68680  
 Lens: 91302



LED



## SUPERNOVA® THREE-STUD LED STOP/TAI/TURN LAMP

SuperNova® single-LED technology in both the S/T/T and license functions

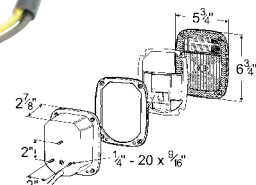
- Encapsulant potting for total circuit board protection
- Replaces Chevrolet®/GMC® 370867 and 370868
- Replaces Jeep® SF5457197 and SF5457198
- Replaces Peterbilt® 16-02600R and 16-02600L
- Backup function remains incandescent
- Includes reflex reflector

**50920** Red w/ License Window

Material: Polycarbonate  
 FMVSS: A, I, L, (2)R, S, T  
 Finish: Red  
 Bulb: 1156 32CP (L)  
 Volts / Amps: 12V / 2.1A (R2)/.35A (I,S)/.16A (L,T)  
 Bracket: 43842  
 Lens: 91302



LED



# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional

LED



## HI COUNT® LED STOP/TAIL/TURN LAMP

All functions utilize LED technology • Gasket between lens and housing protects against moisture intrusion • Potted circuit board protects against vibration and corrosion • Sidemarker version directly replaces Jeep® Wrangler® lamps through 2006 • Sidemarker version features circuit board protection that is compatible with the existing flasher technology • 3 stud mounting design incorporates ground function • Sidemarker version has 16 stop/tail/turn diodes, 22 backup diodes, 4 license diodes and 2 sidemarker diodes • Standard version has 16 stop/tail/turn diodes, 22 backup diodes and 4 license diodes • Mounting hardware and instructions included for easy installation / retrofit • Includes reflex reflector

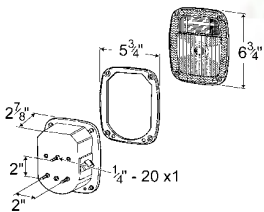
### WITH SIDEMARKER:

**G5202** Red, RH w/ Sidemarker  
**G5212** Red, LH w/ License Window & Sidemarker

### WITHOUT SIDEMARKER:

**G5082** Red, RH RETAIL  
**G5082-5** Red, RH RETAIL  
**G5092** Red, LH w/ License Window  
**G5092-5** Red, LH w/ License Window RETAIL

Material: Polycarbonate/Acrylic  
 FMVSS: RH - A, I, (2)R, S, T; LH - A, I, L, R2, S, T  
 Finish: Red  
 Volts / Amps: LH w/o Sidemarker - 12V / .21A (I,S)/.34A (R2)/.12A (L)  
 Volts / Amps: RH w/o Sidemarker - 12V / .21A (I,S)/.34A (R2)/.06A (T)  
 Volts / Amps: LH w/ Sidemarker - 12V / 1.4A (I,S)/.34A (R2)/.12A (T,L)  
 Volts / Amps: RH w/ Sidemarker - 12V / 1.4A (I,S)/.34A (R2)/.06A (T)  
 Bracket: 43842

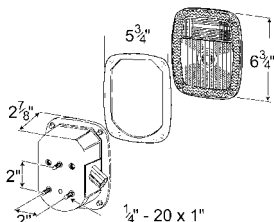


## THREE-STUD METRI-PACK® STOP/TAIL/TURN LAMP

Replaces GM® 15613943 and 15565731 • Features a license window  
 • Metri-Pack® connector on right side • Includes reflex reflector

**53702** Red, RH w/ License Window  
**53712** Red, LH w/ License Window

Material: Polycarbonate/Acrylic  
 FMVSS: A, I, L, R2, S, T  
 Finish: Red  
 Bulb: 1156, 32 CP; Volts / Amps: 12V / 2.1A (R2)  
 Bulb: 1157, 32/3 CP; Volts / Amps: 12V / 2.1A (I,S)/.59A (T,L)  
 Bracket: 43842  
 Pigtail: 68680  
 Lens: Red 91302



## FORD® STOP/TAIL/TURN BOX LAMPS

Junction box with Ford® OEM connector • Features a license window  
 • Ford® Drivers Side: F4HZ 13404 A • Ford® Passengers Side: F4HZ 13405 A • Includes reflex reflector

**53782** Red, RH w/ License Window  
**53792** Red, LH w/ License Window

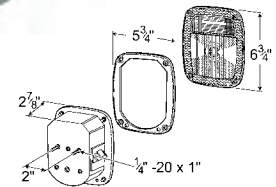
Material: Polycarbonate/Acrylic  
 FMVSS: A, I, L, P2, (2)R, S, T  
 Finish: Red  
 Bulb: 3157, 32 CP; Volts / Amps: 12V / 2.1A (R2)  
 Bulb: 3157, 32/3 CP; Volts / Amps: 12V / 2.1A (I,S) / .59A (T,L,P2)  
 Bracket: 43842  
 Pigtail: 01-6868-82  
 Lens: Red 91302

## TWO-STUD METRI-PACK® STOP/TAIL/TURN LAMP WITH SINGLE CONNECTOR

Features a license window • Metri-Pack® connector on left side  
 • Replaces Mack® 14M052M • Includes reflex reflector

**53722** Red

Material: Polycarbonate/Acrylic  
 FMVSS: A, I, L, (2)R, S, T  
 Finish: Red  
 Bulb: 1156, 32 CP; Volts / Amps: 12V / 2.1A (R2)  
 Bulb: 1157, 32/3 CP; Volts / Amps: 12V / 2.1 (I,S)/.59A (T,L)  
 Bracket: 43262-5, 43022, 43022-5, 43272, 43272-5, 43842  
 Pigtail: 68680  
 Lens: Red 91302

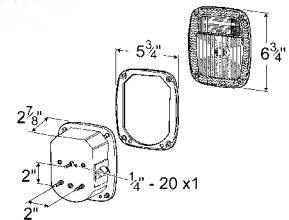


## THREE-STUD METRI-PACK® STOP/TAIL/TURN LAMP WITH DOUBLE CONNECTOR

Features a license window • Metri-Pack® connectors on both sides  
 • Replaces Navistar® 1661281C91 • Includes reflex reflector

**53762** Red

Material: Polycarbonate/Acrylic  
 FMVSS: A, I, L, (2)R, S, T  
 Finish: Red  
 Bulb: 1156, 32 CP  
 Volts / Amps: 12V / 2.1A (R2)  
 Bulb: 1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (T,L)  
 Bracket: 43842  
 Pigtail: 68680  
 Lens: Red 91302



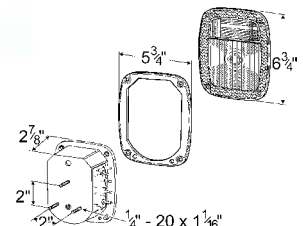
## TORSION MOUNT® UNIVERSAL STOP/TAIL/TURN LAMP

6-in-1 lamp • Four screw posts in junction box • Fits all 3-stud mounting on heavy duty trucks • Includes reflex reflector

**52902** Red, RH w/ License Window

**52912** Red, LH w/ License Window

Material: Polycarbonate/Acrylic  
 FMVSS: A, I, L, (2)R, S, T  
 Finish: Red  
 Bulb: 1156, 32 CP  
 Volts / Amps: 12V / 2.1A (R2)  
 Bulb: 1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (T,L)  
 Bracket: 43842  
 Lens: Red 91302





# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional

## TORSION MOUNT® THREE-STUD GMC® STOP/TAILOTURN LAMP

Junction box with quick splice or ring connectors • Replaces GMC® 715103 or 2063933 (RH) • Replaces GMC® 715104 or 2063931 (LH) • Includes reflex reflector and wire cover

**50902** Red, RH w/ License Window

**50912** Red, LH w/ License Window

Material: Polycarbonate/Acrylic

FMVSS: A, I, L, R2, S, T

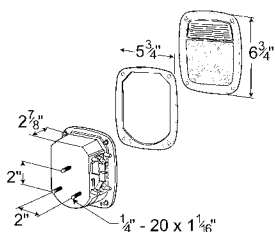
Finish: Red

Bulb: 1156, 32 CP; Volts / Amps: 12V / 2.1A (R2)

Bulb: 1157, 32/3 CP; Volts / Amps: 12V / 2.1A (I,S)/.59A (T,L)

Bracket: 43842

Lens: Red 91302



## TORSION MOUNT® THREE-STUD NAVISTAR®/VOLVO® STOP/TAILOTURN LAMP

Replaces LH Navistar® 424537-C91 and 424538-C91 • Replaces RH Volvo® 83701-0002 • Replaces RH Navistar® 424539-C91 • Replaces LH Volvo® 83702-0002 • Includes reflex reflector and wire cover

**50942** Red, RH w/ License Window

**50952** Red, LH w/ License Window

Material: Polycarbonate/Acrylic

FMVSS: A, I, L, R2, S, T

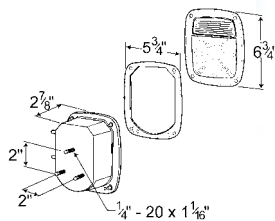
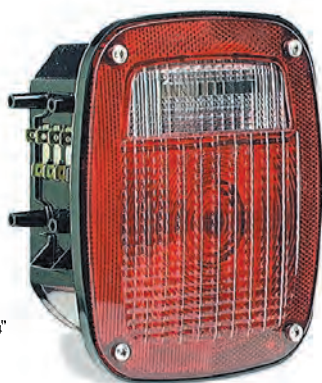
Finish: Red

Bulb: 1156, 32 CP; Volts / Amps: 12V / 2.1A (R2)

Bulb: 1157, 32/3 CP; Volts / Amps: 12V / 2.1A (I,S)/.59A (T,L)

Bracket: 43842

Lens: Red 91302



## TORSION MOUNT® TWO-STUD MACK®/DODGE® STOP/TAILOTURN LAMP

Fits both right hand and left hand • Includes OE 39" pigtail with ring terminal • Replaces Mack® 14M0444RP1 and 14M0444RP4 shock mount • Features a license window • Includes reflex reflector

**50992** Red

Material: Polycarbonate/Acrylic

FMVSS: A, I, L, R2, S, T

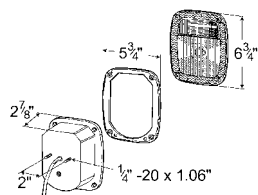
Finish: Red

Bulb: 1156, 32 CP; Volts / Amps: 12V / 2.1A (R2)

Bulb: 1157, 32/3 CP; Volts / Amps: 12V / 2.1A (I,S)/.59A (T,L)

Bracket: 43262-5, 43022, 43022-5, 43272, 43272-5, 43842

Lens: Red 91302



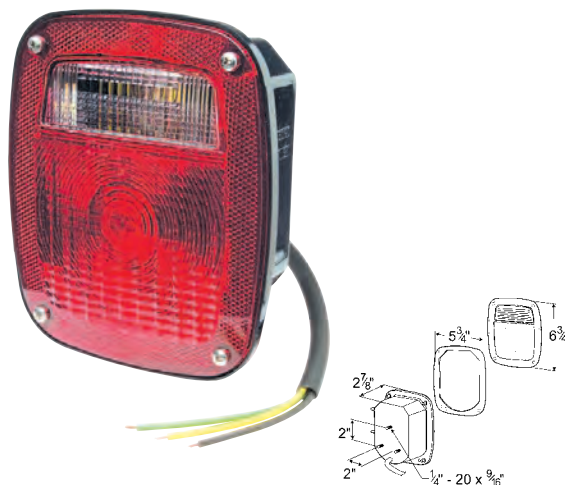
## THREE-STUD PETERBILT®/CHEVROLET®/ JEEP®/GMC® STOP/TAILOTURN LAMP WITH PIGTAIL

Replaces Peterbilt® 16-02600R and 16-02600L • Replaces Chevrolet®/ GMC® 370867 and 370868 • Replaces Jeep® SF5457197 and SF5457198  
 • Features license window • Includes reflex reflector

**50972** Red w/ License Window  
**50972-5** Red w/ License Window

RETAIL

Material: Polycarbonate/Acrylic  
 FMVSS: A, I, L, R2, S, T  
 Finish: Red  
 Bulb: 1156, 32 CP  
 Volts / Amps: 12 V / 2.1A (R2)  
 Bulb: 1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (T,L)  
 Bracket: 43842  
 Lens: Red 91302



## THREE-STUD, CHEVROLET®/FORD®/ JEEP® STOP/TAILOTURN LAMP WITH SIDE MARKER LAMP AND MOLDED PIGTAIL TERMINATION

Round molded terminals • Replaces Chevrolet®/GMC® 477331 and 477332 (RH) • Replaces Jeep® SF5758255 and SF5758254 (LH)  
 • Features sidemarkers • Includes reflex reflector

WITHOUT LICENSE WINDOW:

**52802** Red, RH

WITH LICENSE WINDOW:

**52812** Red, LH

Material: Polycarbonate/Acrylic  
 FMVSS: RH - A, I, P2, R2, S, T; LH - A, I, L, P2, R2, S, T  
 Finish: Red  
 Bulb: 1156, 32 CP; Volts / Amps: 12V / 2.1A (R2)  
 Bulb: 1157, 32/3 CP; Volts / Amps: 12V / 2.1A (I,S)/.59A (T,L)  
 Bracket: 43842  
 Lens: Red 91302



## TORSION MOUNT® TWO-STUD DODGE® STOP/TAILOTURN LAMP WITH SIDE MARKER LAMP AND MOLDED PIGTAIL TERMINATION

Replaces Dodge® 4114562 (RH) • Replaces Dodge® 4114561 and 4114563 (LH) • Includes reflex reflector

WITHOUT LICENSE WINDOW:

**52822** Red, RH

WITH LICENSE WINDOW:

**52832** Red, LH

Material: Polycarbonate/Acrylic  
 FMVSS: RH - A, I, P2, R2, S, T; LH - A, I, L, P2, R2, S, T  
 Finish: Red  
 Bulb: 1156, 32 CP; Volts / Amps: 12 V / 2.1A (R2)  
 Bulb: 1157, 32/3 CP; Volts / Amps: 12 V / 2.1(I,S)/.59A (T,L)  
 Bulb: 193; Volts / Amps: 12V / .33A(P2)  
 Bracket: 43262-5, 43022, 43022-5, 43272, 43272-5, 43842  
 Lens: Red 91302



# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional

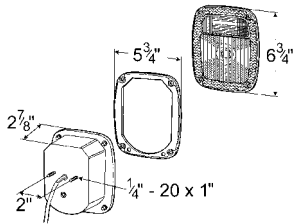


## TORSION MOUNT® TWO-STUD DODGE® STOP/TAI/TURN LAMP

Standard mount pigtail • Replaces Dodge® truck 3895020 and 3895021  
• Features license window • Includes reflex reflector

**52602** Red

Material: Polycarbonate/Acrylic  
FMVSS: A, I, L, R2, S, T  
Finish: Red  
Bulb: 1156, 32 CP  
Volts / Amps: 12V / 2.1A (R2)  
Bulb: 1157, 32/3 CP  
Volts / Amps: 12V / 2.1A (I,S)/.59A (T,L)  
Bracket: 43262-5, 43022, 43022-5, 43272, 43272-5, 43842  
Lens: Red 91302

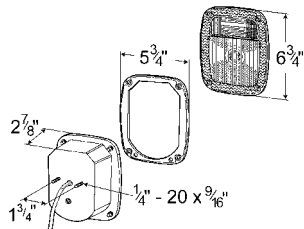


## TWO-STUD FORD® STOP/TAI/TURN LAMP WITH PIGTAIL AND MOLDED PLUG

Studs on 1 3/4" centers • Retrofits Ford® OEM C7TZ13404C, D0TZ13404A, D3KZ13404A, D3TZ13403B, E2TB13404A, E2TB13405A • Features license window • Includes reflex reflector

**52972** Red

Material: Polycarbonate/Acrylic  
FMVSS: A, I, L, R2, S, T  
Finish: Red  
Bulb: 1156, 32 CP  
Volts / Amps: 12 V / 2.1A (R2)  
Bulb: 1157, 32/3 CP  
Volts / Amps: 12V / 2.1A (I,S)/.59A (T,L)  
Bracket: 43262-5, 43022, 43022-5, 43272, 43272-5, 43842  
Lens: Red 91302



## 4" TWO-STUD STOP/TAI/TURN LAMP

Snap-on lens • Rubber compression-sealed pigtail • Removable studs for school bus application

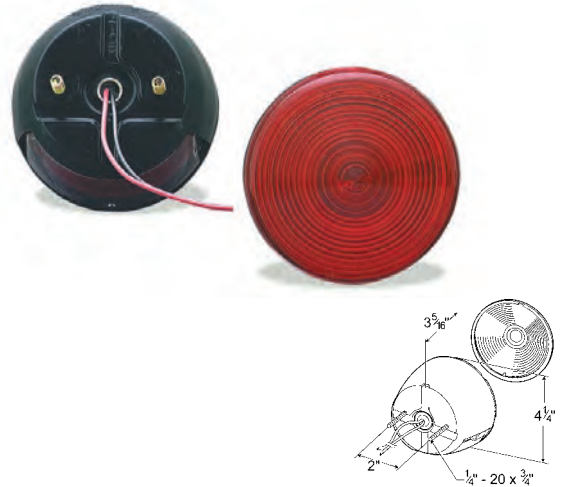
**WITH LICENSE WINDOW:**

<b>50852</b>	Red	
<b>50852-5</b>	Red	<b>RETAIL</b>

**WITHOUT LICENSE WINDOW:**

<b>50862</b>	Red	
<b>50862-5</b>	Red	<b>RETAIL</b>

Material: Polycarbonate/Acrylic  
 FMVSS: I, L, P2, S, T  
 Finish: Red  
 Bulb: 1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (P2,T,L)  
 Bracket: 43262-5, 43022, 43022-5, 43272, 43272-5, 43842  
 Pigtail: 68150  
 Lens: Red 90232



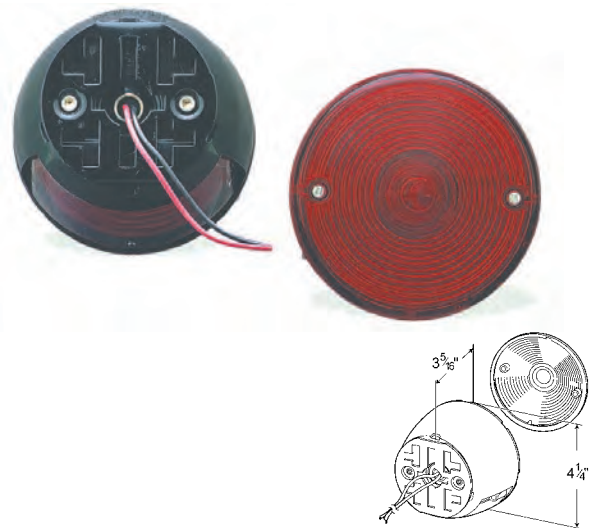
## 4" UNIVERSAL MOUNT STOP/TAI/TURN LAMP

2-screw lens • Less than 75 sq. cm. of effective, projected luminous lens area • Rubber compression-sealed pigtail • Features license window • For use on vehicles less than 80" wide

**WITH LICENSE WINDOW:**

<b>50872</b>	Red	
<b>50872-5</b>	Red	<b>RETAIL</b>

Material: Polypropylene/Acrylic  
 FMVSS: I, L, P2, S, T  
 Finish: Red  
 Bulb: 1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (L,P2,T)  
 Bracket: 43262-5, 43022, 43022-5, 43272, 43272-5, 43842  
 Pigtail: 68150  
 Lens: Red 91482



## 4" STEEL TWO-STUD MOUNT STOP/TAI/TURN LAMP

Less than 75 sq. cm. of effective, projected luminous lens area • Heavy-gauge, formed steel body • Rubber compression-sealed pigtail • For use on vehicles less than 80" wide

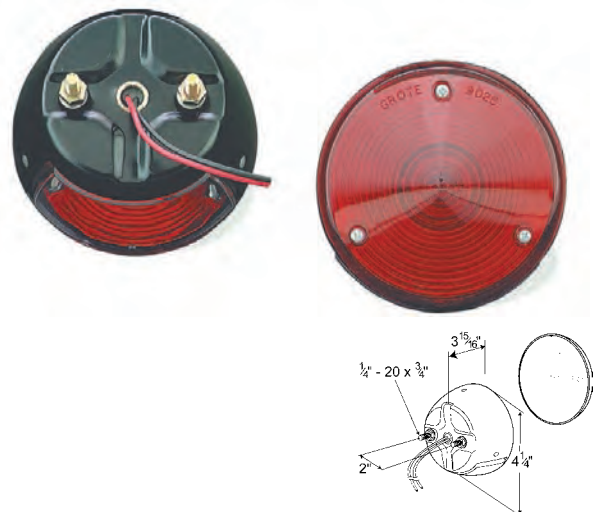
**WITH LICENSE WINDOW:**

<b>50882</b>	Red	
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**WITHOUT LICENSE WINDOW:**

<b>50892</b>	Red	
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Material: Steel/Acrylic  
 FMVSS: 50882 - I, L, P2, S, T; 50892 - I, P2, S, T  
 Finish: Red  
 Bulb: 1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (L,P2,T)  
 Bracket: 43262-5, 43022, 43022-5, 43272, 43272-5, 43842  
 Pigtail: 68150  
 Lens: Red 90252

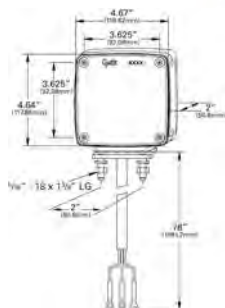




# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional

LED



## HI COUNT® DOUBLE-FACE LED STOP/TAIL/TURN LAMP WITH SIDEMARKER

Attractive multiple diode design • 2-stud mounting bolts • 25 diodes on either front or back with two diodes in the sidemarker • Attached three-wire harness • Includes reflex reflector

**G5530** Red and Yellow, LH

**G5530-5** Red and Yellow, LH

**G5540** Red and Yellow, RH

**G5540-5** Red and Yellow, RH

**G5543-5** Yellow and Yellow, w/ Packard Connector

RETAIL

RETAIL

RETAIL

Material: ABS/Acrylic  
FMVSS: A, I, T, P, P2  
Finish: Chrome/Red/Amber  
Volts / Amps: 12V / .775A (I)/.038A (P/P2/T)

## TWO-STUD PLUG-IN LAMP WITH SIDEMARKER

Incorporates sidemarker light • Fits right or left side • Keyed, plug-in receptacle, accepts OEM harness • Standard with Navistar®/Volvo®  
• Vertical mount • Includes reflex reflector

**55470** Red and Yellow

Material: Polycarbonate/Acrylic

FMVSS: A, I, P2

Finish: Red / Yellow

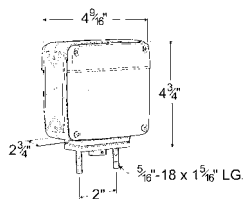
Bulb: 1156, 32 CP

Volts / Amps: 12V 2.1A (I)

Bulb: 193, 2 CP

Volts / Amps: 12V / .33A (P2)

Lens: Red 91502; Yellow 91503; Sidemarker - Yellow 91513



## TWO-STUD CHROME LAMP WITH PIGTAIL

Switch lens for right or left applications • Ground wire plus tab • PVC wire jacket material • 73" color coded pigtail • Vertical mount • Includes reflex reflector

**55340** Red and Yellow

Material: ABS/Acrylic/Polycarbonate

FMVSS: A, I, P2

Finish: Red / Yellow

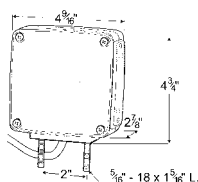
Bulb: 1156, 32 CP

Volts / Amps: 12V / 2.1A (I)

Bulb: 193, 2 CP

Volts / Amps: 12V / .33A (P2)

Lens: Red 90482, Yellow 90483; Sidemarker - Yellow 94643



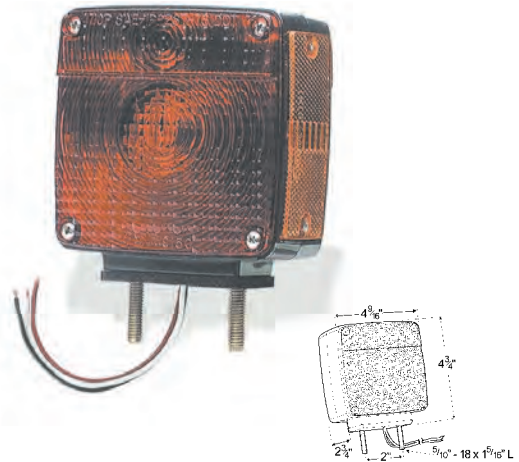
## TWO-STUD LAMP WITH PIGTAIL

High-heat acrylic lens • 2" mounting centers • Incorporates sidemarker light • Replaces Chevrolet®/GMC® 2017747 (RH) and 2017751 (LH) • Includes reflex reflector

**55410** Red and Yellow, RH

**55420** Red and Yellow, LH

Material: Polycarbonate/Acrylic  
 FMVSS: A, I, P, P2  
 Finish: Red / Yellow  
 Bulb: 1156, 32 CP  
 Volts / Amps: 12V / 2.1A (I)  
 Bulb: 193, 2 CP (X2)  
 Volts / Amps: 12V / .66A (P,P2)  
 Lens: Red 91502, Yellow 91503; Sidemarker - Yellow 91513



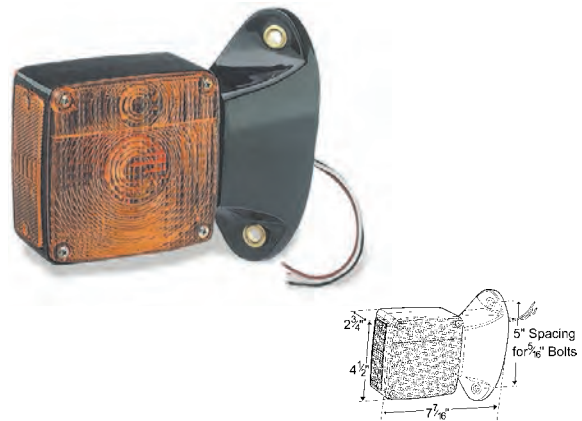
## PEDESTAL-MOUNT LAMP WITH PIGTAIL

ABS body • Polycarbonate pedestal for fender contours • Incorporates sidemarker light • Replaces Chevrolet®/GMC® 2017745 and 2006674 (RH) • Replaces Chevrolet®/GMC® 2017746 and 2006673 (LH) • Includes reflex reflector

**55430** Red and Yellow, RH

**55440** Red and Yellow, LH

Material: ABS/Acrylic/Polycarbonate  
 FMVSS: A, I, P, P2  
 Finish: Red / Yellow  
 Bulb: 1156, 32 CP  
 Volts / Amps: 12V / 2.1 A(I)  
 Bulb: 193, 2 CP (x2)  
 Volts / Amps: 12V / .66A (P,P2)  
 Lens: Red 91502, Yellow 91503; Sidemarker - Yellow 91513



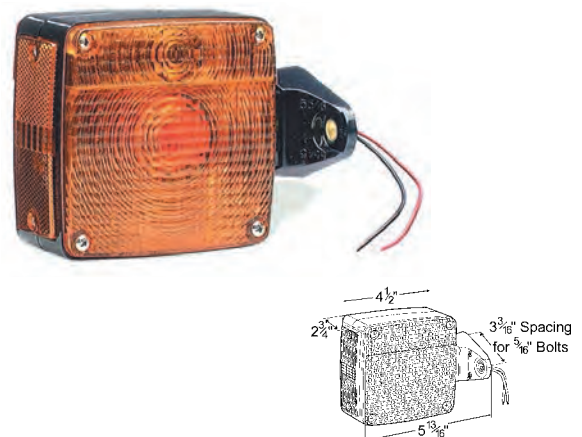
## PEDESTAL-MOUNT LAMP WITH PIGTAIL

High-heat acrylic-lens • ABS body • Incorporates sidemarker light • Replaces Chevrolet®/GMC® 694628 (RH) • Replaces Chevrolet®/GMC® 694627 (LH) • Includes reflex reflector

**55450** Red and Yellow, RH

**55460** Red and Yellow, LH

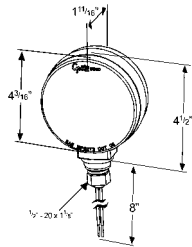
Material: ABS/Acrylic/Polycarbonate  
 FMVSS: A, I, P, P2  
 Finish: Red / Yellow  
 Bulb: 1156, 32 CP  
 Volts / Amps: 12V / 2.1A (I)  
 Bulb: 193, 2 CP (X2)  
 Volts / Amps: 12V / .66A (P,P2)  
 Lens: Red 91502, Yellow 91503; Sidemarker - Yellow 91513



# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional

LED

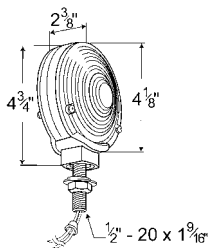


## 4" HI COUNT® DOUBLE-FACE LED LAMP

Attractive multiple diode design • Heavy-duty housing with hardwired connection for variable wiring options • Two-wire, double-contact installation

**G5300** Red and Yellow

Material: Acrylic/Die Cast  
FMVSS: I, T  
Finish: Chrome/Red/Yellow  
Volts / Amps: 12V / .77A (I)/.038A (T)  
Lens: Red: 92062; Yellow: 92063



## 4" ZINC DIE-CAST DOUBLE-FACE LAMP

Less than 75 sq cm of effective, projected luminous lens area • For use on vehicles less than 80" wide

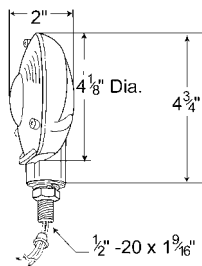
### DOUBLE CONTACT:

**53000** Red and Yellow, Chrome-Plated  
**53020** Red and Yellow, Black Enamel Finish  
**53023** Yellow and Yellow, Black Enamel Finish

### SINGLE CONTACT:

**56000** Red and Yellow, Chrome-Plated  
**56020** Red and Yellow, Black Enamel Finish

Material: Die-cast/Acrylic  
FMVSS: Double - I, P; Single - I  
Finish: Red / Yellow  
Bulb: Double - 1157, 32/3 CP  
Volts / Amps: 12V / .59A (P)/2.1A (I)  
Bulb: Single - 1156, 32 CP  
Volts / Amps: 12V / 2.1A (I)  
Pigtail: 68130, 68170  
Lens: Red 91582; Yellow 91583



## 4" DIE-CAST SINGLE-FACE LAMP

Less than 75 sq cm of effective, projected luminous lens area • For use on vehicles under 80" wide • Wire exit includes a grommet to protect the jacket from abrasion

### DOUBLE CONTACT:

**53032** Red, Chrome-Plated  
**53052** Red, Black Finish  
**53053** Yellow, Black Finish

### SINGLE CONTACT:

**56052** Red, Black Finish  
**56053** Yellow, Black Finish

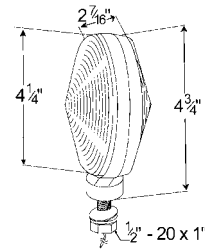
Material: Die-cast/Acrylic  
FMVSS: Double - I, S, T; Single - I, S  
Finish: Red / Yellow  
Bulb: Double - 1157, 32/3 CP  
Volts / Amps: 12V / .59A (P,T)/2.1A (I)  
Bulb: Single - 1156, 32 CP  
Volts / Amps: 12V / 2.1A (I,S)  
Pigtail: 68130, 68170  
Lens: Red 91582

## THIN-LINE ZINC DIE-CAST DOUBLE-FACE LAMP

For fender or front bracket mount • Wire exit has a grommet to protect the jacket from abrasion • Single contact

- 55280** Red and Yellow, Baked Aluminum Finish
- 55290** Red and Yellow, Chrome-Plated

Material: Die-cast/Polycarbonate  
 FMVSS: I  
 Finish: Red/ Yellow  
 Bulb: 1156, 32 CP  
 Volts / Amps: 12V / 2.1A  
 Pigtail: 68170  
 Lens: Red 90232, Yellow 90233



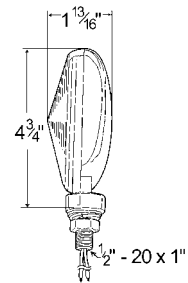
## THIN-LINE DIE-CAST SINGLE-FACE LAMP

Snap-grip acrylic lens • Rubber o-rings • Easy bulb and lens replacement • Wire exit has a grommet to protect the jacket from abrasion

### DOUBLE CONTACT:

- 50652** Red, Chrome-Plated
- 50662** Red, Silver Finish

Material: Die-cast/Acrylic  
 FMVSS: Double - I, S, T; Red, Single - I, S; Yellow - I, P; Yellow, Single - I  
 Finish: Red/ Yellow  
 Bulb: Double - 1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (P,T)  
 Bulb: Single - 1156, 32 CP  
 Volts / Amps: 12V / 2.1A (I,S)  
 Pigtail: 68130, 68170  
 Lens: Red 90232, Yellow 90233



## THIN-LINE DOUBLE-FACE LAMP

Easy snap-on lenses • Molded-in baffle • Molded-in o-ring • Wire exit has a grommet to protect jacket against abrasion

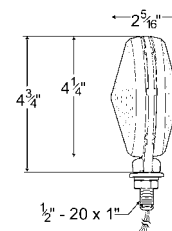
### DOUBLE CONTACT:

- 50630** Red and Yellow
- 50630-5** Red and Yellow **RETAIL**

### SINGLE CONTACT:

- 55220** Red and Yellow
- 55220-5** Red and Yellow **RETAIL**
- 55223** Yellow and Yellow
- 55223-5** Yellow and Yellow **RETAIL**

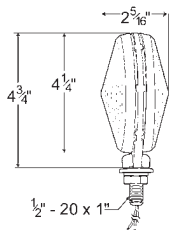
Material: Acrylic/Polycarbonate  
 FMVSS: Double - I, P; Single - I  
 Finish: Red / Yellow  
 Bulb: Double - 1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I)/.59A (P)  
 Bulb: Single - 1156, 32 CP  
 Volts / Amps: 12V / 2.1A (I)  
 Pigtail: 68170, 68130  
 Lens: Red 90232, Yellow 90233





# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional



## SINGLE-FACE LAMP

Easy snap-on lens • Molded-on baffle • Rubber plug-in pedestal

### DOUBLE CONTACT:

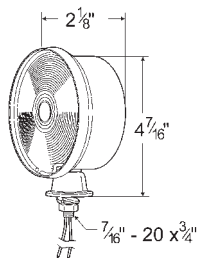
**50642** Red

**50642-5** Red **RETAIL**

### SINGLE CONTACT:

**55243** Yellow

Material: Polycarbonate  
 FMVSS: Double - I, S, T; Red, Single - I, S; Yellow, Single - I  
 Finish: Red / Yellow  
 Bulb: Double - 1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S) / .59A (T)  
 Bulb: Single - 1156, 32 CP  
 Volts / Amps: 12V / 2.1A (I,S)  
 Pigtail: 68130, 68170  
 Lens: Red 90232, Yellow 90233



## STEEL SINGLE-FACE LAMP

Snap-ring lens application • Two-wire pigtail • Long-life bulb

### DOUBLE CONTACT:

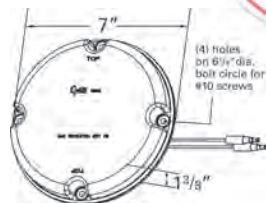
**50352** Red

Material: Steel/Acrylic  
 FMVSS: I, P2, P3, S, T  
 Finish: Red  
 Bulb: 1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S) / .59A (P2,P3,T)  
 Accessory: Snap Ring 99593  
 Pigtail: 68130  
 Lens: Red 90012

**LED**



55983



## 7" LED STOP/TAIL/TURN LAMP

Encapsulant potting provides protection for the circuit board • UV-protected lenses • Male .180 bullet connectors • Flat-back installation (no cut-outs required) • Install using #10 screws

### STOP/TAIL/TURN LAMP

**53422** Red, Stop/Tail/Turn Lamp w/Reflex

### SINGLE FUNCTION:

**55982** Red, Turn Lamp w/ Reflex

**55983** Yellow, Front Turn Lamp w/ Reflex

**55992** Red, Turn Lamp w/o Reflex

**55993** Yellow, Turn Lamp w/o Reflex

Material: Polycarbonate  
 FMVSS: 53422 - A, I, P2, S, T; 55982 - A, I, S; 55983 - A, I; 55992/3 - I  
 Finish: Red/Yellow  
 Volts / Amps: S/T/T - 12V / .39A (A,I) / .03A (P2,T)  
 Volts / Amps: Single Function - 12V / .39A (I,S)  
 Bracket: 93982

## 7" LED ARROWTURN LAMP

Large arrow pattern makes it easier for road traffic to identify turning vehicles • Meets FMVSS 108 Front and Rear Turn requirements • Auxiliary for midturn and/or wide turn indications • Surface mount for easy installation • UV-coated lens prevents weathering from the elements • Mounts with #10 screws

**53883** Yellow, Turn Lamp

Material: Polycarbonate  
 FMVSS: I  
 Finish: Yellow  
 Volts / Amps: 12V / .327A  
 Bracket: 93982

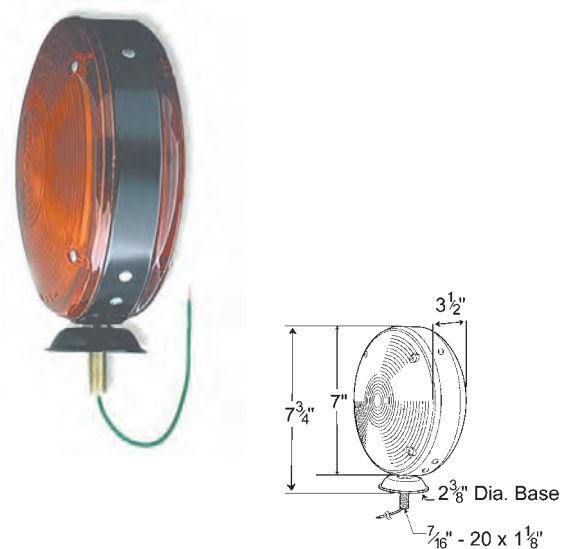


## 7" DOUBLE-FACE PEDESTAL LAMP

For simultaneous front and rear warning • Pedestal mounting • Baked black enamel finish

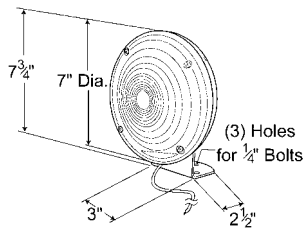
TURN:	
<b>78150</b>	Red and Yellow
<b>78153</b>	Yellow and Yellow
AUXILIARY:	
<b>78152</b>	Red and Red

Material: Steel/Acrylic  
 FMVSS: 78150, 78153 - I, S  
 Finish: Red / Yellow  
 Bulb: 1156, 32 CP  
 Volts / Amps: 12V / 2.1A (I)  
 Pigtail: 68080  
 Lens: Red 90092, Yellow 90093



# Stop/Tail/Turn Lamps

Feux Arrêt / Arrière / Direction Lámparas de Freno / Cuarto / Direccional



## 7" SINGLE-FACE LAMP

Two-stud or bracket mounting • Heavy-gauge formed steel housing  
 • Yellow arrow design for rear turn only • 78303 and 78313 not for front turn use

<b>78002</b>	Red
<b>78003</b>	Yellow
<b>78303</b>	Yellow, Arrow Lens, Molded .180 Terminal Pigtail
<b>78313</b>	Yellow, Arrow Lens, Blunt Cut Pigtail

Material: Steel/Acrylic  
 FMVSS: Red - I, S; Yellow & Yellow Arrow - I; Arrow Lens - I  
 Finish: Yellow / Red / Black  
 Bulb: 1156, 32 CP  
 Volts / Amps: 12V / 2.1A (I,S)  
 Bracket: 43282, 93982  
 Pigtail: 68080  
 Lens: Red 90092, Yellow 90093; Arrow Lens - Yellow 90103



## 7" SCHOOL BUS LAMPS

Rugged housing • Acrylic lens • Flush mount • Blunt cut wires

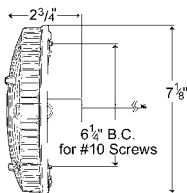
### SINGLE CONTACT:

<b>56072</b>	Red
<b>56073</b>	Yellow
<b>56083</b>	Yellow w/ Arrow Lens

### DOUBLE CONTACT:

<b>50132</b>	Red
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Material: Steel/Acrylic  
 FMVSS: I, S, T  
 Finish: Red / Yellow / Black  
 Bulb: 1157, 32/3 CP (X2) (50132)  
 Volts / Amps: 12V / 2.1A (I,S)/.59A (T) Double Contact  
 Bulb: 1156, 32 CP (56072, 56073, 56083)  
 Volts / Amps: 12V / 2.1A (I,S) Single Contact  
 Lens: Red 99842, Yellow 99843



# RV, Marine and Utility Trailer Lighting

Phares Nautiques, de Véhicules Récréatifs et de Remorques Faros de Marina y Luces de Vehiculos Recreativos

## ULTIMATE LED TRAILER LIGHTING KIT

Easily retrofits any 14' to 28' boat trailer • Maintenance- and hassle- free  
 • Water resistant • Rear combination clearance/marker must be mounted at a 45° angle

**65410-5** Lighting and Wiring Kit **RETAIL**

Material: Steel/Polycarbonate/ABS/PVC/Acrylic  
 Finish: Red / Yellow / Black  
 Accessories: S/T/T Lamp: Red 53962; Sidemarker and Clearance/Marker: Red 47962, Yellow 47973; Bar Lamp: 49182; License Lamp: 60341; Reflective Tape: Yellow 41153, Red 41152; Grommet: 92420; Brackets: 43272, 43362, 92420; Harness: 01-6604-D7



## LED TRAILER LIGHTING KIT

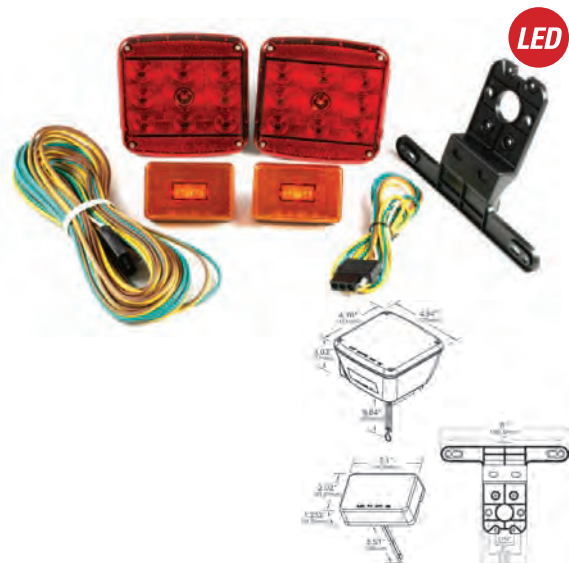
7-function tail lamps: stop/tail/turn, side/rear reflector clearance/marker and license lamp

**65870-5** w/ Clearance/Marker **NEW RETAIL**  
**65880-5** w/o Clearance/Marker **NEW RETAIL**

### REPLACEMENT LAMP:

**51962-5** Red, RH, S/T/T **NEW RETAIL**  
**51972-5** Red, LH, S/T/T w/ License Window **NEW RETAIL**  
**45973-5** Yellow, C/M **NEW RETAIL**

Material: Polypropylene/Acrylic/ABS  
 FMVSS: RH - A, I, P2, S, T; LH - A, I, L, P2, S, T; C/M - P2  
 Finish: Red/Yellow  
 Volts / Amps: S/T/T - 12V / .22A (per lamp); C/M - 12V / .11A (per lamp)  
 Bracket: 43262-5

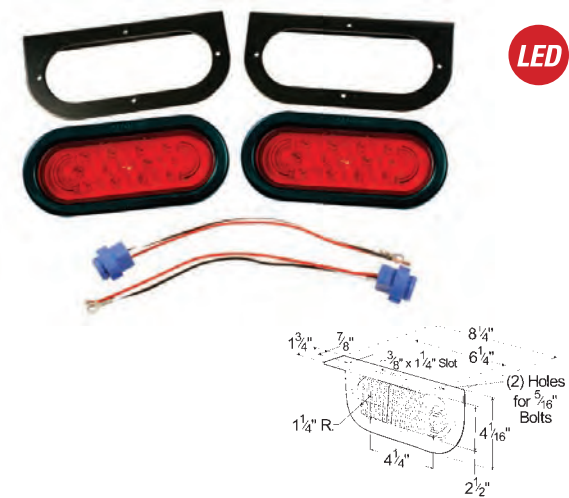


## SUPERNOVA® LED OVAL TRAILER STOP/TAIL/TURN SUBMERSIBLE LIGHTING KIT

Kit includes two each of: LED lamps (54132), brackets (43362), grommets (92420) and 3-wire, 11" plug-in pigtails (67002) • Electronics completely encapsulated with durable epoxy for maximum protection from the environment • Fits current mounting flanges and grommets

**65390-5** Red **RETAIL**

Material: ABS/Acrylic/Steel/PVC  
 FMVSS: I, S, T  
 Finish: Red  
 Volts / Amps: 12V / .48A (I,S) / .06A (P2,T) per lamp  
 Accessory: Lamp: Red 54132  
 Bracket: 43362  
 Grommet: 92420  
 Pigtail: 67002

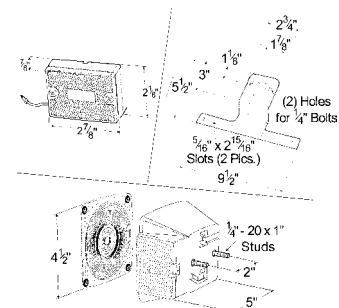
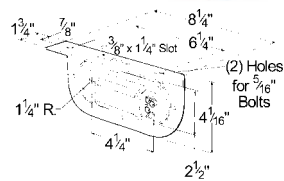
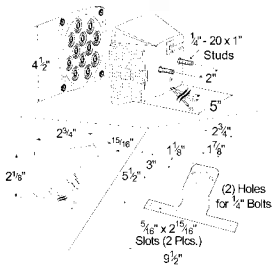




# RV, Marine and Utility Trailer Lighting

Phares Nautiques, de Véhicules Récréatifs et de Remorques Faros de Marina y Luces de Vehiculos Recreativos

**LED**



## SUBMERSIBLE LED TRAILER LIGHTING KIT

Popular square design • 7-function kit • Kit includes lamps, trailer harness, license bracket and mounting hardware

<b>65330-5</b>	w/ Clearance/Marker	<b>RETAIL</b>
<b>65320-5</b>	w/o Clearance/Marker	<b>RETAIL</b>

### REPLACEMENT LAMP:

<b>51982</b>	Red, RH, S/T/T	
<b>51982-5</b>	Red, RH, S/T/T	<b>RETAIL</b>
<b>51992</b>	Red, LH, S/T/T	
<b>51992-5</b>	Red, LH, S/T/T	<b>RETAIL</b>
<b>47852-5</b>	Red, C/M	<b>RETAIL</b>
<b>47853-5</b>	Yellow, C/M	<b>RETAIL</b>

Material: Polypropylene/Acrylic/ABS  
 FMVSS: RH - A, I, P2, S, T; LH - A, I, L, P2, S, T; C/M - P2  
 Finish: Red/Yellow  
 Volts / Amps: S/T/T - 12V / .22A (per lamp); C/M - 12V / .11A (per lamp)  
 Bracket: 43262-5  
 Lens: S/T/T - Red 90642

## OVAL TRAILER STOP/TAIL/TURN SUBMERSIBLE LIGHTING KIT

Kit includes two of each: lamps (52182), brackets (43362), grommets (92420) and 3-wire 11" plug-in pigtails (67000)

### BOAT TRAILER KIT:

<b>53082-5</b>	<b>RETAIL</b>
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Material: Steel/Polycarbonate/PVC  
 FMVSS: I, S, T  
 Finish: Red  
 Bulb: 1157, 32/3 CP; Volts / Amps: 12V / 2.1A (I,S)/.59A (T) per lamp  
 Accessory: Lamp: Red 52182  
 Bracket: 43362  
 Grommet: 92420  
 Pigtail: 67000

## TRAILER LIGHTING KIT

Twist-in bulb design makes it easy to replace • Kit includes lamps, harness, license plate bracket, and complete wiring and installation kit

<b>65370-5</b>	w/ Clearance/Marker	<b>RETAIL</b>
<b>65380-5</b>	w/o Clearance/Marker	<b>RETAIL</b>

### REPLACEMENT PARTS:

<b>52302</b>	Red, RH, S/T/T	
<b>52302-5</b>	Red, RH, S/T/T	<b>RETAIL</b>
<b>52312</b>	Red, LH, S/T/T	
<b>52312-5</b>	Red, LH, S/T/T	<b>RETAIL</b>
<b>46983-5</b>	Yellow, Clearance/Marker	<b>RETAIL</b>

Material: Acrylic / ABS / Polypropylene  
 FMVSS: A, I, L, P2, S, T  
 Finish: Red/Yellow  
 Bulb: S/T/T - 1157, 32/3 CP; Volts / Amps: 12V / 2.1A (I,S)/.59(T)  
 Bulb: Marker - 1895, 2 CP; Volts / Amps: 12V / .27A (P2)  
 Lens: S/T/T - Red 92792; Clearance/Marker; Red 91112; Yellow 91113

## TRAILER LIGHTING KIT WITH CLEARANCE/MARKER LAMP

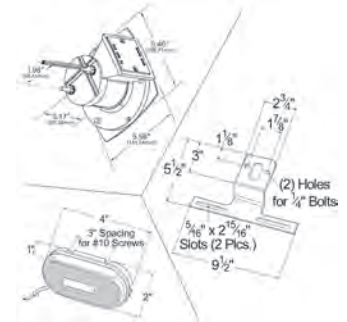
7-function tail lamps: stop/tail/turn, side/rear reflector clearance marker and license lamp • Kit includes right and left tail lamps (50532, 50542), two clearance/marker lamps (46393), 4-foot trunk and 25-foot split-Y trailer harnesses, license bracket (43262-5), mounting hardware

- 65350-5** w/ Yellow Clearance/Marker **RETAIL**
- 65190-5** w/o Yellow Clearance/Marker **RETAIL**

### REPLACEMENT LAMP:

- 50542** Red, RH, S/T/T
- 50542-5** Red, RH, S/T/T **RETAIL**
- 50532-5** Red, LH, S/T/T w/ License Window **RETAIL**
- 46713** Yellow, C/M
- 46713-5** Yellow, C/M **RETAIL**

Material: Acrylic/ABS/Polypropylene  
 FMVSS: RH - A, I, L P2, S, T; LH - A, I, P2, S, T; C/M A, P2, P3  
 Finish: Red/Yellow  
 Bulb: S/T/T - 1157, 32/3 CP; Volts / Amps: 12V / 2.1A (I, S)/.59A (T)  
 Bulb: Sidemarker - 1895, 2 CP; Volts / Amps: 12V / .59A (T,L,P2)  
 Bulb: C/M - 1895, 2 CP; Volts / Amps: 12V / .27A (P2)  
 Lens: C/M Red 91112; S/T/T Red 90342



## SUBMERSIBLE TRAILER LIGHTING KIT

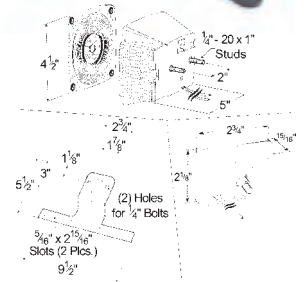
Popular square design • Kit includes harness, lamps, license bracket and mounting hardware

- 65230-5** w/ Clearance/Marker **RETAIL**

### REPLACEMENT PARTS:

- 53662** Red, RH, S/T/T
- 53672** Red, LH, S/T/T
- 46982-5** Red, C/M **RETAIL**
- 46983-5** Yellow, C/M **RETAIL**
- 90172** Red, S/T/T Lens Kit (90642 & 91112)

Material: Acrylic/ABS/Polypropylene  
 FMVSS: RH - A, I, P2, S, T; LH - A, I, L, P2, S, T; C/M - P2  
 Finish: Red/Yellow  
 Bulb: STT - 1157; Volts / Amps: 12V / 2.1A (I, S)/.59A (T)/ .27A (P2) per lamp  
 Bulb: C/M - 1895, 2 CP; Volts / Amps: 12V / .27A (P2) per lamp  
 Lens: S/T/T - Red 92792  
 Sidemarker and Clearance/Marker Red 91112, Yellow 91113



## UTILITY LIGHTING KIT FOR TRAILERS OVER 80" WIDE

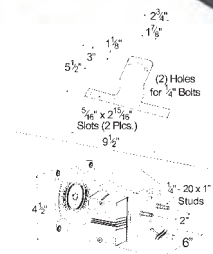
Twist-in bulb design for easy maintenance • Kit includes lamps, license plate bracket, and complete wiring/installation kit

- 65240-5** **RETAIL**

### REPLACEMENT PARTS:

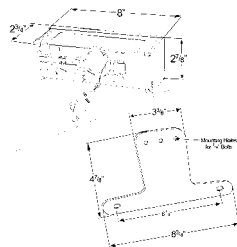
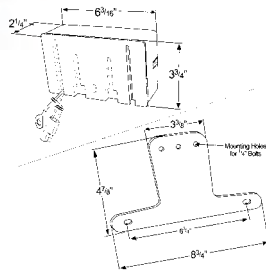
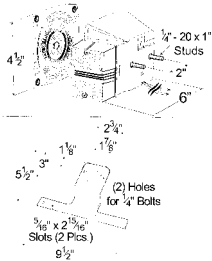
- 52442** Red, RH, S/T/T and C/M
- 52452** Red, LH, S/T/T w/License Window and C/M

Material: Acrylic/ABS/Polypropylene  
 FMVSS: RH- A, I, P2, P3, S, T; LH- A, I, L, P2, P3, S, T  
 Finish: Red  
 Bulb: S/T/T - 1157, 168 CP; Volts / Amps: 12V / .27A (P2); C/M - 1895, 2 CP;  
 Bracket: 43262-5  
 Lens: S/T/T - Red 92792; C/M - Red 91122



# RV, Marine and Utility Trailer Lighting

Phares Nautiques, de Véhicules Récréatifs et de Remorques Faros de Marina y Luces de Vehiculos Recreativos



## SUBMERSIBLE TRAILER LIGHTING KIT FOR TRAILERS OVER 80" WIDE

Popular square design • Kit includes harness, lamps, license bracket and mounting hardware

**65440-5** RETAIL

### REPLACEMENT PARTS:

**51932** Red, RH, S/T/T & C/M

**51942** Red, LH, S/T/T w/ License Window and C/M

Material: Acrylic/ABS/Polypropylene

FMVSS: S/T/T RH - A, I, P2, S, T; S/T/T LH - A, I, L, S, T

Finish: Red

Bulb: 1157, 168 CP; Volts / Amps: 12V / .59A

Accessory: Harness: 68420

Bracket: 43262-5

Lens: S/T/T- Red 92792; C/M- Red 91122

## SUBMERSIBLE COMPACT TRAILER LIGHTING KIT

Compact size and shape to fit where space is limited • Sonically sealed makes lamp fully submersible • Pre-wired with molded plugs for easy installation • Kit includes two lamps, a 25' trailer harness, connectors, license bracket, and mounting hardware

**65312** Red

### REPLACEMENT LAMP:

**53812** Red, RH, S/T/T, W/ License Window

**53822** Red, LH, S/T/T, W/ License Window

Material: Acrylic/ABS

FMVSS: A, I, P2, S, T, L

Finish: Red

Bulb: 1157, 32/2 CP; Volts / Amps: 12V / 2.1A (I,S0)/.59A (T)

Bulb: 194, 2 CP; Volts / Amps: 12V / .27A (P2,T)

Bracket: 01-9321-20

## SUBMERSIBLE LOW-PROFILE TRAILER LIGHTING KIT

Unique compact size fits where space is limited • Lens is sonically sealed to make a fully submersible lamp

**65300-5** Red RETAIL

### REPLACEMENT PARTS:

**52492** Red, LH, S/T/T w/ License Window

**52482** Red, RH, S/T/T

**90652** Lens Kit (2 S/T/T and 2 C/M)

Material: ABS/Acrylic

FMVSS: RH - A, I, S, T; LH - A, I, L, S, T

Finish: Red

Volts / Amps: 12V / 2.1 / .48A

Accessory: Bulb: 90630

Bracket: 01-9321-20

Lens: Red (kit-front and side) 90652

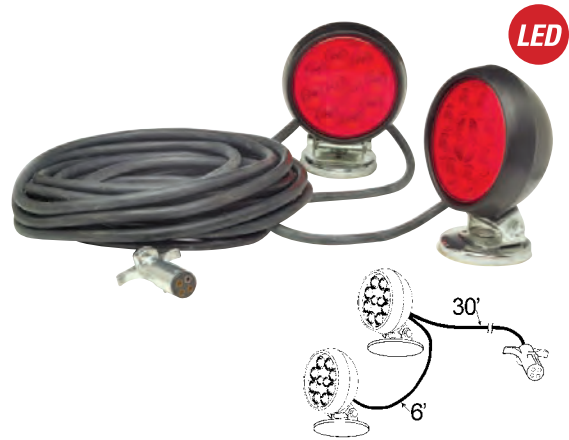


## HEAVY DUTY SUPERNOVA® LED MAGNETIC TOWING KIT

Durable rubber housings • Strong 50lb. pull mounting magnets for each lamp • Rubber adhesive magnet covers prevent scratching paint of towed vehicle • Adjustable lamp mounting for maximum visibility and safety • Die-cast 4-pole round plug • 30 ft. of abrasion-resistant jacketed cable

**65432-4** Red

Material: Rubber/ABS/Acrylic  
 FMVSS: I, P2, S, T  
 Finish: Red  
 Volts / Amps: 12V / .24A (I,S) / .03A (P2,T) per lamp  
 Accessory: Lamp: Red 53252; Magnetic Mount: 43300; Plug: 82-1021;  
 Vehicle Socket: 82-1020



## MAGNETIC LED TOWING KIT

Kit includes lamps, harness and hook-up connectors • Kit specifications include truck harness and 20 ft. connecting harness • Plugs into a standard flat four-way vehicle trailer light connector

**65720-5** Red

**RETAIL**

Material: ABS/Acrylic/Polycarbonate/PVC  
 FMVSS: I, P2, S, T  
 Finish: Red  
 Volts / Amps: 12V / .25A (I, S) / .04A (P2, T)

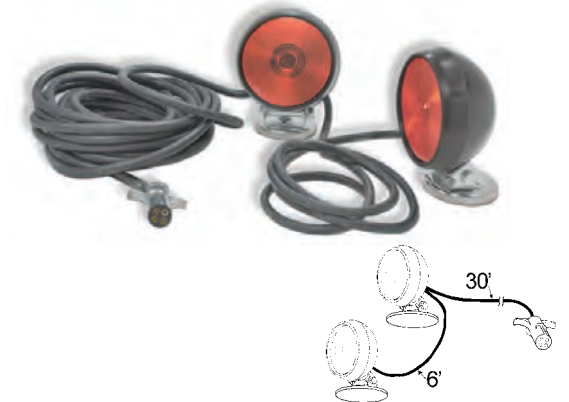


## HEAVY DUTY MAGNETIC TOWING KIT

Durable rubber lamp housings • Strong 40lb. mounting magnets for each lamp • Rubber adhesive magnet covers to prevent scratching of towed vehicle • Adjustable lamp mounting for maximum visibility and safety • Durable die-cast 4-pole plug • Abrasion resistant double jacketed cable on all components

**65402-4** Red

Material: Rubber/Polycarbonate  
 FMVSS: I, P2, S, T  
 Finish: Red/Black  
 Bulb: (2) #2057, 32/2 C.P.; Volts / Amps: 12 V / .48A (P2,T)/2.1A (I,S) per lamp  
 Accessory: Lamp: Red 52922; Magnetic Mount: 43300; Plug: 82-1021;  
 Vehicle Socket: 82-1020



## MAGNETIC TOWING KIT

Kit includes harness, lamp and hook-up connectors • Kit specifications include truck harness and 20 ft. connecting harness • Plugs into a standard, flat four-way vehicle trailer light connector • Lens and bulb are replaceable

**65730-5** Red

**RETAIL**

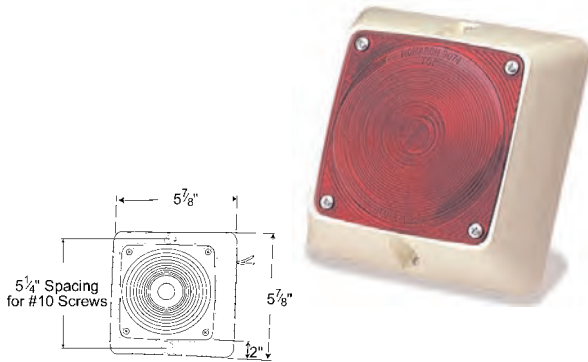
Material: ABS/Acrylic  
 FMVSS: I, P2, S, T  
 Finish: Red  
 Bulb: (2) 32 CP, 1157; Volts / Amps: 12V / 2.1A (I, S) / .59A (P2, T)  
 Lens: 90232





# RV, Marine and Utility Trailer Lighting

Phares Nautiques, de Véhicules Récréatifs et de Remorques Faros de Marina y Luces de Vehiculos Recreativos

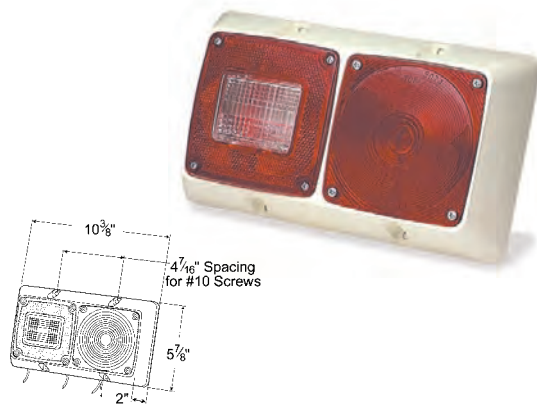


## VERSALITE® SINGLE-POD SURFACE MOUNT LAMP

Three functions: stop, tail and turn • Corrosion-resistant, shock-absorbing construction

**51142** Red

Material: Polycarbonate/ABS  
 FMVSS: I, S, T  
 Finish: White/ Red  
 Bulb: 1157, 32/3 CP; Volts / Amps: 12V / 2.1A (I,S)/.59A(T)  
 Lens: Red 90742



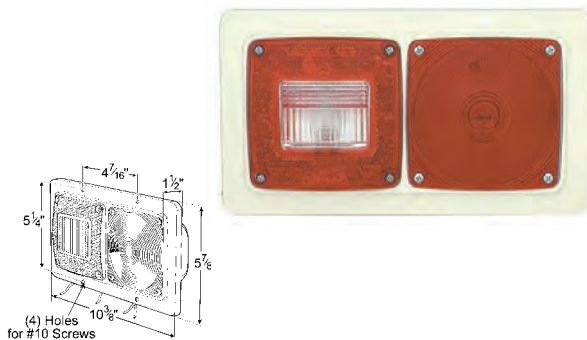
## VERSALITE® DOUBLE-POD SURFACE MOUNT LAMP

Five functions: stop, tail, turn, back-up light and reflector • Corrosion-resistant, shock-absorbing construction • Fits both right and left hand applications

**51242** Red

**51242-5** Red **RETAIL**

Material: ABS/Acrylic  
 FMVSS: A, I, R, S, T  
 Finish: White/ Red  
 Bulb: S/T/T - 1157, 32/3 CP; Volts / Amps: 12V / 4.2A (I,R,S)/.59A (T)  
 Bulb: 1156, 32 CP; Volts / Amps: 12V / .59A (T)  
 Lens: Red 90742; Reflex - Red 90752

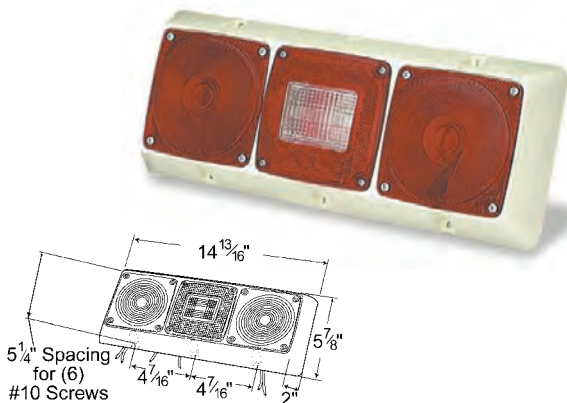


## VERSALITE® DOUBLE-POD RECESSED-MOUNT LAMP

Five functions: stop, tail, turn, back-up light and reflector • Corrosion-resistant, shock-absorbing construction

**51042** Red

Material: ABS/Acrylic  
 FMVSS: A, I, R, S, T  
 Finish: White/ Red  
 Bulb: S/T/T - 1157, 32/3 CP; Volts / Amps: 12V / 4.2A (I,R,S)/.59A (T)  
 Bulb: 1156, 32 CP; Volts / Amps: 12V / .59A (T)  
 Lens: Red 90742; Reflex - Red 90752



## VERSALITE® TRIPLE-POD SURFACE MOUNT LAMP

Six functions: stop, tail, turn, clearance light, back-up light and reflector • Corrosion-resistant, shock-absorbing construction

**51342-5** Red, Colonial White **RETAIL**

**52082** Red, Chrome Finish

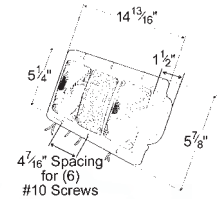
Material: ABS/Acrylic  
 FMVSS: A, I, P2, R, S, T  
 Finish: White/Chrome/Red  
 Bulb: S/T/T - 1157, 32/3 CP; Volts / Amps: 12V / 4.2A (I,S) / 1.18A(T)  
 Bulb: 1156, 32 CP; Volts / Amps: 12V / 1.18A (P2,T) / 4.2A (I,S) / 2.1A (R)  
 Lens: Red 90742; Reflex - Red 90752

## VERSALITE® TRIPLE-POD RECESSED-MOUNT LAMP

Six functions: stop, tail, turn, clearance light, back-up light and reflector  
 • Corrosion-resistant, shock-absorbing construction

**52002** Red, Chrome Finish

Material: ABS/Acrylic  
 FMVSS: A, I, P2, R, S, T  
 Finish: Chrome/Red  
 Bulb: S/T/T - 1157, 32/3 CP; Volts / Amps: 12V / 4.2A (I,S)/2.1A (R)/1.18A (P2,T)  
 Bulb: 1156, 32 CP; Volts / Amps: 12V / .59A (T)  
 Lens: Red 90742; Reflex - Red 90752

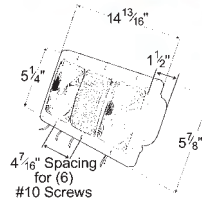
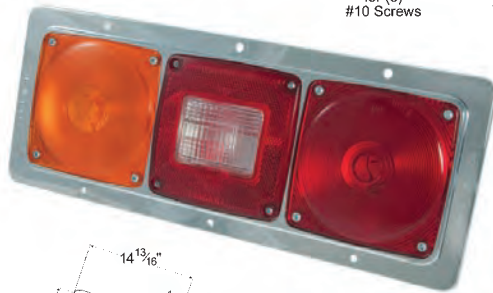


## VERSALITE® TRIPLE-POD RECESSED-MOUNT LAMP WITH YELLOW TURN LENS

Five functions: stop, tail, turn signal, back-up light and reflector  
 • Corrosion-resistant, shock-absorbing construction

**52112** LH  
**52122** RH

Material: ABS/Acrylic  
 FMVSS: A, I, P2, R, S, T  
 Finish: Chrome/Red/Yellow  
 Bulb: 1157, 32/3 CP; Volts / Amps: 12V / 4.2A (I,S) / 2.1A (R)/1.18A (T)  
 Bulb: 1156, 32 CP; Volts / Amps: 12V / .59A (T)  
 Lens: Red 90742; Yellow 90743; Reflex - Red 90752

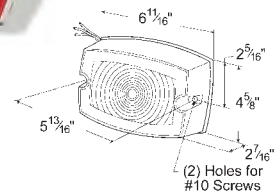


## 5 FUNCTION COMBINATION REAR LAMP

For recreational vehicles and mobile homes • Combination lamp with stop, tail, turn, reflector and license functions • Flat-back, corrosion-resistant, shock-absorbing base • 180° full lens illumination

**50762** Red

Material: Polypropylene/Acrylic  
 FMVSS: A, I, L, S, T  
 Finish: Red  
 Bulb: 1157, 32/3 CP  
 Volts / Amps: 12V / 2.1A (I,S) / .59A (L,T)  
 Pigtail: 68150; Lens 90602

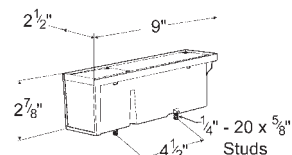


## LARGE WRAP-AROUND 5 FUNCTION REAR LAMP

For utility and snowmobile trailers • 5 function: stop, tail, turn, C/M and reflector

**52372** RH  
**52362** LH

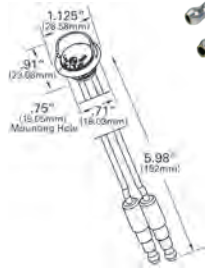
Material: Polypropylene/Acrylic  
 FMVSS: A, I, P2, S, T  
 Finish: Red  
 Bulb: 1157, 32/3 CP; Volts / Amps: 12V / .59A (T)/.27A (P2)  
 Bulb: 1895, 2 CP; Volts / Amps: 12V / 2.1A (I,S)  
 Lens: Kit - Red 92382



# RV, Marine and Utility Trailer Lighting

Phares Nautiques, de Véhicules Récréatifs et de Remorques Faros de Marina y Luces de Vehiculos Recreativos

**LED**



## MICRONOVA® DOT LED LAMP

Durable one-piece LED lamp design • Hardwire with .180 slim-line UBS plug connections for maximum performance

**60721** Lamp with Hooded Grommet **NEW**

Material: Polycarbonate/PVC  
 FMVSS: L  
 Finish: Clear/Black  
 Volts / Amps: 14V / .05A  
 Grommets: 94360



## TRAILER WIRING FRAME CLIP

Holds wire harness to frame and trailer

**99460-5** 10 Pack **RETAIL**

Material: Spring Steel  
 Finish: Black



## 25' SPLIT-WIRE HARNESS

4-wire, split-Y trailer harness with male connector

**68420** Wire Harness



## BOAT & UTILITY TRAILER WIRING KIT

For durable re-wiring of boat, bike, snowmobile, or utility trailers  
 • A complete wire-harness package: 25' trailer harness, 4' trunk harness and (6) no-splice connectors

**68540-5** **RETAIL**



## HEAT SHRINK KIT

Nine 14-16 gauge heat shrinkable butt connectors, three 14-16 gauge heat shrinkable 1/4" ring terminals, six frame clips and three stainless steel #10 screws

**97700**

## SUPERNOVA® LED LICENSE LAMP

Low-profile shape helps prevent damage from dock collisions • Vibration-resistant lamp is ideal for dump trucks, refuse haulers and cement mixers

- Slotted mounting holes fit most lamp mounting screw patterns and withstand excessive torque without cracking
- Not polarity sensitive
- Encapsulant potting for total circuit-board protection

- 60381** Gray
- 60341** Black

Material: Polycarbonate  
 FMVSS: L  
 Finish: Gray/Black  
 Volts / Amps: 12V / .04A



## MICRONOVA® LED LICENSE LAMP

Durable one-piece LED lamp design • Hardwire with .180 slim-line UBS plug connections for maximum performance • Indexed, snap-fit mounting to brackets • Angled drain slots to prevent buildup behind the light • Direct replacement to existing 60601 (LED) and 60261 (Incandescent) offerings

- 60671** Lamp Only **ECE NEW**

**VERTICAL MOUNT KIT:**

- 60701** Black (60671 + 43960) **ECE NEW**
- 60681** Gray (60671 + 43962) **ECE NEW**

**HORIZONTAL MOUNT**

- 60691** Black (60671 + 42162) **ECE NEW**

Material: Polycarbonate  
 FMVSS: L  
 Finish: Clear/Gray/Black  
 Volts / Amps: 14V / .05 A  
 Brackets: 43960, 43962, 42162



## MICRONOVA® DOT LED LICENSE LAMP

Durable one-piece LED lamp design • Hardwire with .180 slim-line UBS plug connections for maximum performance • 60661 direct replacement to existing 60291 (Incandescent) offering

- 60721** Lamp with Hooded Grommet **ECE NEW**
- 60661** DOT Lamp with Adaptor Bracket **ECE NEW**
- 60651** DOT Lamp **ECE NEW**

**KITS**

- 60711** Gray, (60661 + 43780) **ECE NEW**

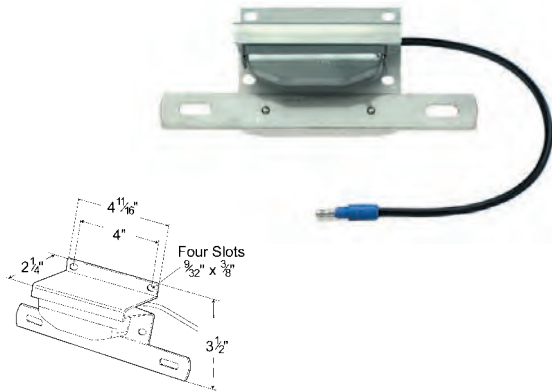
Material: Polycarbonate/PVC  
 FMVSS: L  
 Finish: Clear/Gray/Black  
 Volts / Amps: 14V / .05A  
 Grommets: 94360; Brackets: 43780, 43783, 43850;  
 Adaptor Plate: 94350





# License and Backup

Feux de Plaque d'Immatriculation et de Recul   Lámparas de Placa / Reversa



## RECTANGULAR LICENSE LAMP WITH BRACKET

Aluminum lamp bracket and stainless steel license-plate bracket

- Complete assembly includes dual-function bracket, license lamp (60291), lamp bracket (43390) and 48", 14 gauge .180 bullet UBS pigtail
- License bracket not sold separately

**60321**   Clear w/ Stainless Steel Bracket

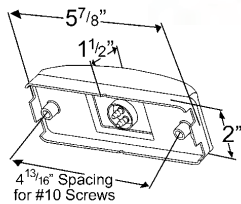
Material: Aluminum/Stainless Steel/Polycarbonate

FMVSS: L

Finish: Aluminum

Bulb: 193, 2 CP (x2)

Volts / Amps: 12V / .66A



## SEALED TURTLEBACK® II LICENSE LAMP

Impact-resistant bulb contacts • Waterproof male pin connection accepts UBS pigtail

**60331**   Clear

Material: Polycarbonate

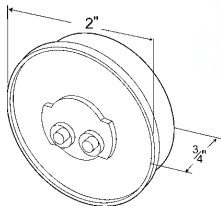
FMVSS: L

Finish: Clear

Bulb: 193, 2 CP (x2)

Volts / Amps: 12V / .66A

Pigtail: 66910, 66911, 67070, 67071



## 2" TWIST-IN SEALED LICENSE LAMP

Integral lamp hood and mounting receptacle • Twist-on mounting

- Accepts UBS pigtail

**45821**   Clear

### KITS:

**60191**   Clear (45821 + 43040)

Material: Polycarbonate

FMVSS: L when used with 43040 bracket

Finish: Clear

Bulb: 193, 2 CP

Volts / Amps: 12V / .33A

Bracket: 43040, 43960, 42160, 43962, 42162

Pigtail: 66850, 66851, 66800, 66840, 67001, 67050, 66801

## SMALL RECTANGULAR LICENSE LAMP

Sonically sealed lens design • Single 15,000-hour bulb

### LICENSE LAMPS:

**60261** Clear

### LICENSE LAMP KITS:

**60280** Clear (60261 + 43830)

**60460** Clear Lamp, Gray Flange (60261 + 43960)

Material: Polycarbonate

FMVSS: L

Finish: Clear

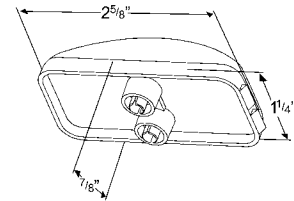
Bulb: 2 CP

Volts / Amps: 12V / .33A

Bracket: 43830, 43960, 42160, 43952, 42162

Grommet: 92520

Pigtail: 66850, 67050, 67001, 66851, 66800, 66840



## RECTANGULAR LICENSE LAMP

Sonically sealed rectangular double-bulb lamp • Narrow mounting applications • 15,000-hour bulbs

**60291** Clear

Material: Polycarbonate

FMVSS: L

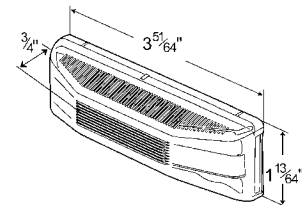
Finish: Clear

Bulb: 193, 2 CP (x2)

Volts / Amps: 12V / .66A

Bracket: 43780, 43783, 43850

Pigtail: 66980, 66981, 66982



## RESEALABLE LICENSE LAMP

Compact license lamp protrudes less than 2" • Housing snaps firmly into molded o-ring

**60001** Gray

**60011** Triple Chrome

**60011-5** Triple Chrome **RETAIL**

**60121** Gray w/ UBS .180-Bullet Plug-In Pigtail

### PROTECTIVE LENS CAP:

**93610** Gray

Material: ABS/Polycarbonate

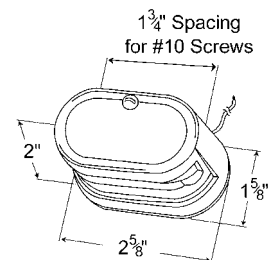
FMVSS: L

Finish: Gray/Chrome

Bulb: 67, 4 CP

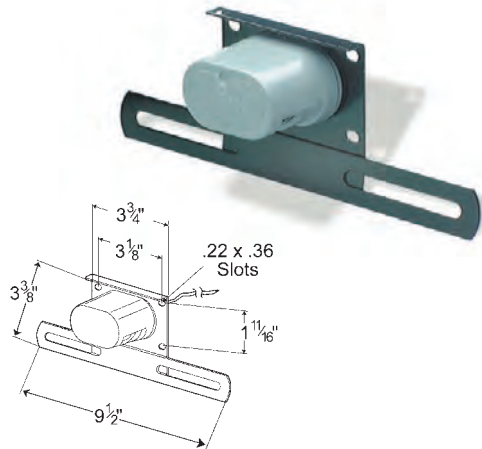
Volts / Amps: 12V / .59A

Accessory: Gray Cap: 93610



# License and Backup

Feux de Plaque d'Immatriculation et de Recul Lámparas de Placa / Reversa



## LICENSE LAMP WITH METAL BRACKET

Compact license lamp protrudes less than 2" • Housing snaps firmly into molded-in o-ring • Uses 60001 license lamp with 36" pigtail

**60081** Clear

**PROTECTIVE LENS CAP:**

**93610** Gray

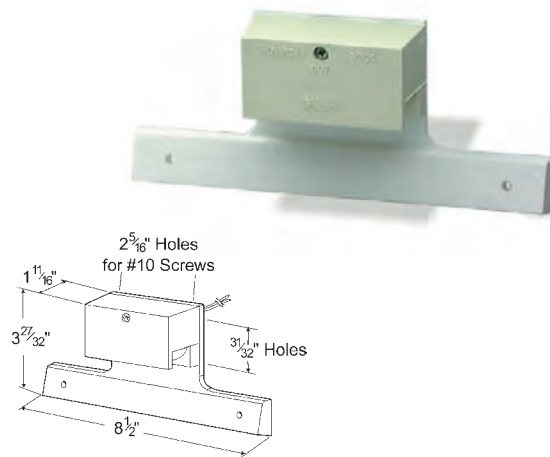
Material: Steel/Polycarbonate

FMVSS: L

Finish: Black/Gray

Bulb: 67, 4 CP

Volts / Amps: 12V / .59A



## VERSALITE® LICENSE LAMP WITH BRACKET

Corrosion-proof, shock-absorbing ABS construction

**60131** Clear

Material: ABS

FMVSS: L

Finish: White

Bulb: 67, 4 CP

Volts / Amps: 12V / .59A

**LED**



## SUPERNOVA® 4" FLANGED LED HOOK UP LAMP

Directly mounts and replaces existing hook-up lamps • Sealed flange-to-lens design • Housing to truck gasket included to keep moisture and elements out • Male pin connection • provides more light to hook up lines and nose box area than existing lamps

**60631** Clear **NEW**

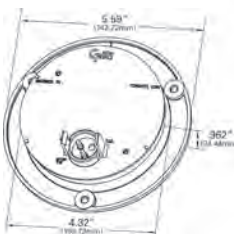
Material: Polycarbonate

Finish: Clear

Bulb: LED 60631 10V - 16V

Volts / Amps: 12V / 0.5A

Pigtail: 66842, 67013, 66846, 66016

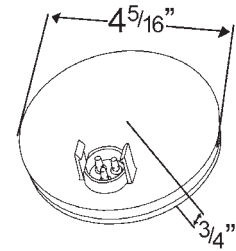
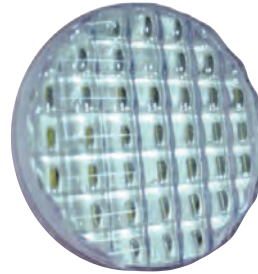


## SUPERNOVA® 4" SINGLE-SYSTEM LED BACKUP LAMP

Meets backup function with single-lamp system • Encapsulant potting for total circuit-board protection • Advanced pin connection system uses tin-plated, solid-brass pin terminals • Uses same UBS pigtail as male pin incandescent • Hard coated lens for long-term UV protection

**62401** Clear, Male Pin

Material: Polycarbonate  
 FMVSS: R  
 Finish: Clear  
 Volts / Amps: 12V / .6A  
 Bracket: 43343, 92510, 92512, 92513, 43253  
 Grommet: 91740, 91950  
 Pigtail: 66842, 67013, 66846, 66016



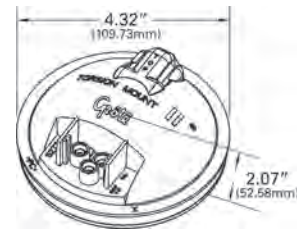
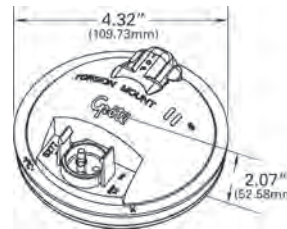
## 4" TORSION MOUNT® II SINGLE-SYSTEM BACKUP LAMP

Torsion Mount® II Gel-Mount® bulb cradle design • Meets backup function with single-lamp system • Hermetic lens-to-housing seal

**62211** Clear, Male Pin  
**62271** Clear, Female Pin

**KITS:**  
**62331** Clear, Male Pin (62271 + 91740 + 67010)  
**62221** Clear, Female Pin (61451 + 91740 + 67013)

Material: Polycarbonate  
 FMVSS: R  
 Finish: Clear  
 Bulb: 2057 32/2 CP  
 Volts / Amps: 12V / 2.1A  
 Bracket: 43572, 43253, 92510, 92512, 92513  
 Grommet: 91740, 91950  
 Pigtail: Male Pin: 66842, 67013, 66846, 66016  
 Female Pin: 67011, 67010, 67014, 67020

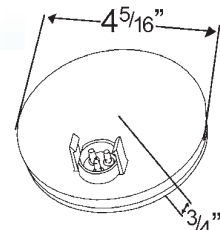


## SUPERNOVA® 4" DUAL-SYSTEM LED BACKUP LAMP

Requires two lamps to meet backup function • Encapsulant potting for total circuit board protection • Advanced pin connection system uses tin-plated, solid-brass terminations • Uses same UBS pigtail as male incandescent • Hard coated lens for long-term UV protection

**62391** Clear  
**62571** Clear **24** Volts

Material: Polycarbonate  
 FMVSS: (2)R  
 Finish: Clear  
 Volts / Amps: 12V / .25A  
 Volts / Amps: 24V / .15A  
 Bracket: 43343, 92510, 92512, 92513, 43253  
 Grommet: 91740, 91950  
 Pigtail: 66842, 67013, 66846, 66016

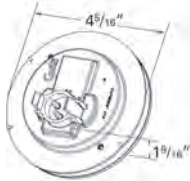




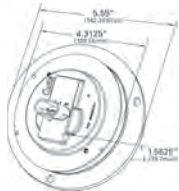
# License and Backup

Feux de Plaque d'Immatriculation et de Recul   Lámparas de Placa / Reversa

**LED**



62091



62811

## SUPERNOVA® NEXGEN™ 4" DUAL-SYSTEM LED BACKUP LAMP

Fits standard 4" lamp grommets and brackets • Hermetically sealed lamp prevents water intrusion • Requires two lamps to meet backup function  
 • Encapsulant potting for total circuit board protection • Flanged lamps require no additional mounting brackets

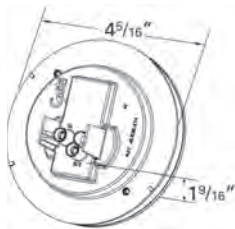
- 62091** Clear, Male Pin
- 62101** Clear, Hard Shell

### FLANGED W/GASKET

- 62781** Clear, Male Pin **NEW**
- 62791** Clear, Hard Shell **NEW**

Material: ABS/Acrylic  
 FMVSS: (2)R  
 Finish: Clear  
 Volts / Amp: 12V / .55A  
 Bracket: 93552, 43253, 92510, 92511, 92513, 43572, 43642, 43655, 43732, 93190, 93553, 93683, 51090  
 Grommet: 91740, 91950  
 Pigtail: Male pin: 66842, 67013, 66846, 66016; Hard shell: 66862

**LED**



## GROTE SELECT™ 4" DUAL-SYSTEM LED BACKUP LAMP

Fits standard 4" lamp grommets and brackets • Hermetically sealed lamp prevents water intrusion • Requires two lamps to meet backup function  
 • Standard aftermarket connection provides for ease of replacement

- 62691** Female Pin

Material: ABS/Acrylic  
 FMVSS: (2)R  
 Finish: Clear  
 Volts / Amps: 12V / .55A  
 Bracket: 93552, 43253, 92510, 92511, 92512, 92513, 43572, 43642, 43655, 43732, 93190, 93553, 93683, 51090  
 Grommet: 91740, 91950  
 Pigtail: 66812, 66811

## 4" TORSION MOUNT® II DUAL-SYSTEM BACKUP LAMP

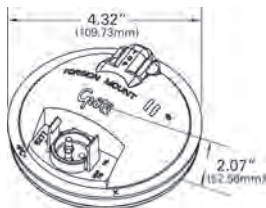
Requires two lamps to meet backup function • Torsion Mount® II Gel-Mount® bulb cradle design • Kit includes lamp, grommet (91740) and pigtail (67002) • Hermetic lens-to-housing seal

- 62121** Frosted Clear, Male Pin
- 62171** Frosted Clear, Female Pin
- 62321** Frosted Clear, Female Pin **24**

### KITS:

- 62181** Frosted Clear, Female Pin (62171 + 91740 + 67010)

Material: Polycarbonate  
 FMVSS: (2)R  
 Finish: Frosted  
 Bulb: 2057, 32 CP Volts / Amps: 12V / 2.1A  
 Bracket: 43572, 43253, 92510, 92512, 92513  
 Grommet: 91740, 91950  
 Pigtail: Male Pin: 66842, 67013, 66846, 67016; Female Pin: 67010, 67014, 67011, 67020

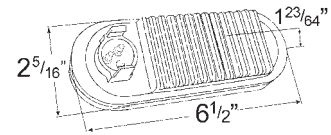


## SUPERNOVA® OVAL SINGLE-SYSTEM LED BACKUP LAMP

Legal for horizontal mount only • Male pin plug and go installation  
 • Retrofit upgrade for original equipment Volvo® trucks using the Grote tail lamp system • Encapsulant potting for total circuit board protection

**62561** Clear, Grommet Mount

Material: ABS/Acrylic  
 FMVSS: R  
 Finish: Clear  
 Volts / Amps: 12V / .30A  
 Bracket: 43362, 43952, 43220, 43223, 43222, 43723, 43100  
 Grommet: 92420, 92720  
 Pigtail: 66842, 67013, 66846, 66016

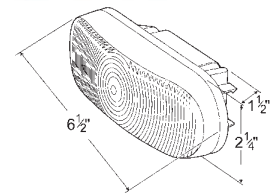


## TORSION MOUNT® III OVAL MALE-PIN SINGLE-SYSTEM BACKUP LAMP

Fits standard oval lamp grommets and brackets • Torsion Mount® III, Gel Mount® bulb cradle technology increases bulb life and reduces vibration damage • Male pin UBS® connection technology utilizes o-ring seals and pigtail locking tabs to help eliminate corrosion from water intrusion  
 • Meets backup function with single-lamp system

**62111** Frosted Clear Lens

Material: Polycarbonate  
 FMVSS: R  
 Finish: Clear  
 Bulb: 2057, 40 CP  
 Volts / Amps: 12V / 2.2A  
 Bracket: 43362, 43952, 43220, 43222, 43223  
 Grommet: 92420, 92720  
 Pigtail: 66842, 67013, 66846, 67016



## SUPERNOVA® OVAL DUAL-SYSTEM LED BACKUP LAMP

Requires two lamps to meet backup function • Fewer diodes reduces power consumption • Encapsulant potting for total circuit board protection  
 • Uses same UBS pigtail as male pin incandescent

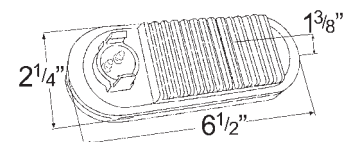
### MALE PIN, HORIZONTAL MOUNT:

**62601** Clear, Grommet Mount

### MALE PIN, VERTICAL MOUNT:

**62591** Clear, Grommet Mount

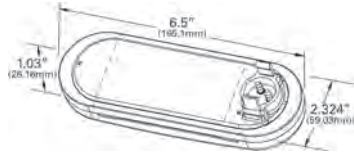
Material: ABS/Acrylic  
 FMVSS: (2)R  
 Finish: Clear  
 Volts / Amps: 12 V / .30A  
 Bracket: 43362, 43952, 43220, 43223, 43222, 43723, 43100  
 Grommet: 92420, 92720  
 Pigtail: 66842, 67013, 66846, 66016



# License and Backup

Feux de Plaque d'Immatriculation et de Recul    Lámparas de Placa / Reversa

LED



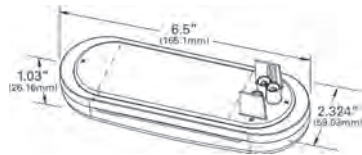
## SUPERNOVA® NEXGEN™ OVAL DUAL-SYSTEM LED BACKUP LAMP

Fits standard oval lamp grommets and brackets • Hermetically sealed lamp prevents water intrusion • Requires two lamps to meet backup function  
 • Lamps must be mounted vertically • Encapsulant potting provides total circuit board protection

**62051** Male Pin

Material: ABS/Acrylic  
 FMVSS: (2)R  
 Finish: Clear  
 Volts / Amps: 12V / .30A  
 Bracket: 43362, 43952, 43220, 43223, 43222, 43723, 43100  
 Grommet: 92420, 92720  
 Pigtail: 66842, 67013, 66846, 66016

LED

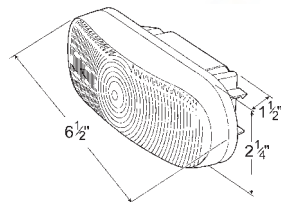


## GROTE SELECT™ OVAL DUAL-SYSTEM LED BACKUP LAMP

Fits standard oval lamp grommets and brackets • Hermetically sealed lamp prevents water intrusion • Requires two lamps to meet back-up function  
 • Lamps must be mounted vertically • Product uses standard aftermarket connection for ease of installation

**62751** Female Pin

Material: ABS/Acrylic  
 FMVSS: (2)R  
 Finish: Clear  
 Volts / Amps: 12V / .30A  
 Bracket: 43362, 43952, 43220, 43223, 43222, 43723, 43100  
 Grommet: 92420, 92720  
 Pigtail: 67010, 67011, 67014, 67020



## TORSION MOUNT® III OVAL MALE-PIN DUAL-SYSTEM BACKUP LAMP

Fits standard oval lamp grommets and brackets • Torsion Mount® III, Gel Mount® bulb cradle design ensures longer bulb life • O-ring seal design eliminates corrosion • Requires two lamps to meet backup function

**62241** Clear, Male Pin

**62231** Clear, Female Pin

### KITS:

**62251** Clear, Female Pin (62231 + 92420 + 67010)

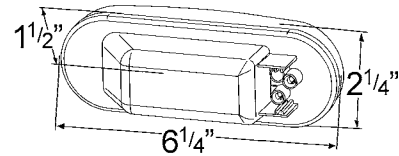
Material: Polycarbonate  
 FMVSS: (2)R  
 Finish: Clear  
 Bulb: 1157, 32 CP  
 Volts / Amps: 12V / 2.1A  
 Bracket: 43362, 43952, 43220, 43222, 43223  
 Grommet: 92420, 92720  
 Pigtail: Male pin: 66842, 67013, 66846, 67016  
 Female pin: 67010, 67011, 67014, 67020

## ECONOMY OVAL DUAL-SYSTEM BACKUP LAMP

Requires two lamps to meet backup function • Hermetic lens-to-housing seal • Fits standard oval lamp grommets and brackets • Standard female pin termination

**62521** Clear, Female Pin

Material: Polycarbonate  
 FMVSS: (2)R  
 Finish: Clear  
 Bulb: 1141  
 Volts / Amps: 12V / 2.1A  
 Bracket: 43362, 43952, 43220, 43222, 43223  
 Grommet: 92420, 92720  
 Pigtail: 67010, 67011, 67014, 67020

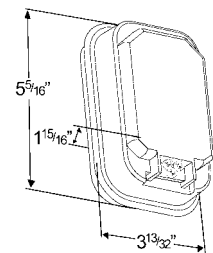


## RECTANGULAR DUAL-SYSTEM BACKUP LAMP

Tough polycarbonate lens • Hermetic lens-to-housing seal • Requires two lamps to meet backup function

**62381** Clear, Female Pin

Material: Polycarbonate  
 FMVSS: (2)R  
 Finish: Clear  
 Bulb: 2057, 32 CP  
 Volts / Amps: 12V / 2.1A  
 Bracket: 43212  
 Grommet: 94180  
 Pigtail: 67010, 67011, 67014, 67020

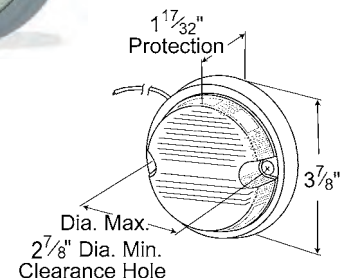


## OE-STYLE DUAL-SYSTEM BACKUP LAMP

Requires small 1 1/16" hole for installation • Mounting pad included • For use on buses and trucks • Requires two lamps to meet backup function

**62011** Gray Bezel  
**62021** Chrome-Plated Bezel  
**62021-5** Chrome-Plated Bezel, Retail Pack

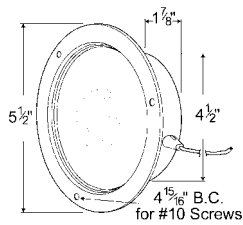
Material: ABS/Acrylic/Steel  
 FMVSS: (2)R  
 Finish: Clear  
 Bulb: 1156, 32 CP  
 Volts / Amps: 12V / 2.1A  
 Pigtail: 68080  
 Lens: Clear 90221





# License and Backup

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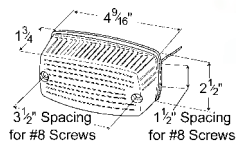


## STAINLESS STEEL RECESSED DUAL-SYSTEM BACKUP LAMP

Snap-in lens for easy replacement • Requires two lamps to meet backup function

**62151** Clear

Material: Stainless Steel/Polycarbonate  
FMVSS: (2)R  
Finish: Clear  
Bulb: 1156, 32 CP  
Volts / Amps: 12V / 2.1A  
Lens: Clear 91311

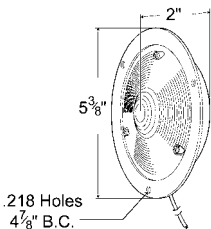


## RECTANGULAR SURFACE MOUNT DUAL-SYSTEM BACKUP LAMP

Raised lens for maximum light output • Surface mount requires no socket hole or cutout • Requires two lamps to meet backup function

**62291** Clear

Material: Steel/Polycarbonate  
FMVSS: (2)R  
Finish: Clear  
Bulb: 1156, 32 CP  
Volts / Amps: 12V / 2.1A

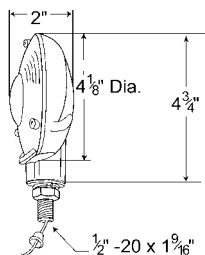


## SHALLOW DIE-CAST UTILITY LAMP

Chrome-plated die-cast housing • Shallow profile for exterior sleeper cab application • Blunt cut wires

**60311** Clear

Material: Zinc Die-Cast/Acrylic  
Finish: Clear  
Bulb: 1156, 32 CP  
Volts / Amps: 12V / 2.1A  
Lens: Clear 91581, Red 91582, Yellow 91583



## 4" ZINC DIE-CAST SINGLE-FACE LAMP

3-screw acrylic lens • Less than 75 sq. cm. of effective projected luminous lens area • For use on vehicles under 80" wide • Grommeted wire exit • Single contact

**63051** Clear, Black Enamel Finish

Material: Zinc Die-cast  
Finish: Clear  
Bulb: 1156, 32 CP  
Volts / Amps: 12V / 2.1A  
Pigtail: 68170  
Lens: Clear 91581

## LED WHITELIGHT™ RECESSED-MOUNT DOME LAMP

### FEATURES & BENEFITS

- Encapsulant potting for total circuit board protection
- Robust, one-piece, aluminum housing and removable acrylic lens (LED versions)
- Built-in automatic thermal protection circuit



**TECHNICAL SPECIFICATIONS**  
Material: Aluminum/Acrylic  
Finish: White

61291



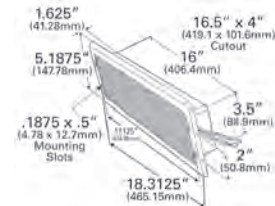
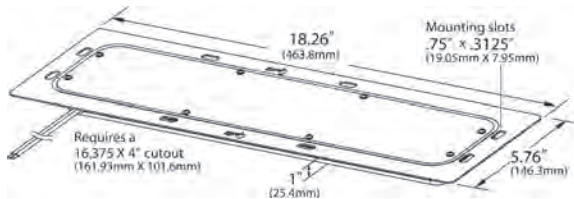
61261



61F61



61511



Part Number	Product Description	Lighting Technology	Light Output (Usable)	Operating Temperature	Design Voltage (V)	Amp Draw (A)
61611	High output, 18 diodes	LED	1200 Lm	-40F to +122F	12	2.16
61G21	High output, 18 diodes, w/motion sensor	LED	1200 Lm	-40F to +122F	12	2.16
61E61 <b>NEW</b>	High output, 18 diodes, dimmable	LED	1200 Lm	-40F to +122F	12	2.17/.71
61111	High output, 16 diodes	LED	1000 Lm	-40F to +122F	24	1
61261	Standard output, 10 diodes	LED	800 Lm	-40F to +122F	12	1.75
61F61 <b>NEW</b>	Standard output, 10 diodes w/motion sensor	LED	800 Lm	-40F to +122F	12	1.75/.02
61881	Low output, 10 diodes	LED	400 Lm	-40F to +122F	12	1.2
61291 <b>NEW</b>	Standard output, 6 diodes	LED	940 Lm	-40F to +122F	12	1.7
61H91 <b>NEW</b>	Standard output, 6 diodes w/motion sensor	LED	940 Lm	-40F to +122F	12	1.7/.02
61511	Standard output, interior dome	Fluorescent	950 Lm	0F to +125F	12	2.5

### Accessories

Part Number	Description	Fits
94621	Replacement Lens	Round Corner Lenses
94631	Replacement Lens	Square Corner Lenses
92901	Replacement Lens	61511
92911	Fluorescent Tube	61511
43540	Mounting Pan	All 18" Dome Lamps



# Interior Lighting

Lumières d'Intérieur Lámparas para Interior

## LED WHITELIGHT™ RECESSED-MOUNT DOME LAMP

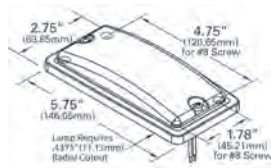
LED

### FEATURES & BENEFITS

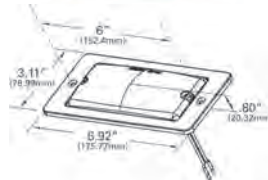
- LED lamp is rated to 50,000 service hours
- Fits existing, similar incandescent lamp mountings
- Low heat; will not melt lens
- Encapsulant potting for total circuit board protection against moisture and corrosion



61760



61931



61F51



Part Number	Product Description	Designation	Lighting Technology	Connection Type	Light Output (Usable)	Design Voltage (V)	Amp Draw (A)
61861	Gray aluminum housing, 6 diodes	Dome	LED	Hardwire	300 Lm	9-30	.6 @ 9V .155 @ 30V
61991	Gray aluminum housing, 6 diodes	Dome	LED	Hardwire	300 Lm	12	0.48
61871	Gray aluminum housing, 3 diodes	Courtesy	LED	Hardwire	150 Lm	9-30	.32 @ 9V .094 @ 30V
61961	Gray aluminum housing, 3 diodes	Courtesy	LED	Hardwire	150 Lm	12	0.24
61931	Gray aluminum, flange mount housing, 6 diodes	Dome	LED	Hardwire	300 Lm	12	0.48
61760	Black aluminum housing, 3 white, 3 red diodes	Dome	LED	Hardwire	150 Lm	10-32	.250 @ 12V .250 @ 12V .140 @ 24V
61890	Gray aluminum housing, 3 white, 3 blue diodes	Dome	LED	Hardwire	150 Lm	10-32	.250 @ 12V .140 @ 24V
82080	Black aluminum housing, 3 white, 3 red diodes	Dome	LED	Tyco #770331-1	150 Lm	10-30	.250 @ 12V .140 @ 24V
82400	Black aluminum housing, 3 white, 3 blue diodes	Dome	LED	Tyco #770331-1	150 Lm	18-32	.125 @ 24V
61F30	NEW Black surface mount plastic housing w/switch, 4 white, 4 red diodes	Dome	LED	Hardwire	200 Lm	10-32	.250 @ 12.8V .140 @ 25.6V
61F40	NEW Black surface mount plastic housing w/switch, 4 white, 4 blue diodes	Dome	LED	Hardwire	200 Lm	10-32	.250 @ 12.8V .140 @ 25.6V
61F51	NEW Black surface mount plastic housing w/switch, 6 white diodes	Dome	LED	Hardwire	300 Lm	12	.480 @ 14V
61031	Gray steel housing	Dome	Incandescent	Hardwire	15 CP	12	1.1 @ 12V

### Accessories

Part Number	Description	Fits
90401	Replacement Lens	All

## LED WHITELIGHT™ 4" DOME LAMP



### FEATURES & BENEFITS

- Shock-absorbing, weather-proof housing with long-life LEDs makes this a very durable lamp
- Cost-effective LED lighting option is rated at 50,000 hours
- LEDs utilize lower amp draw, putting less load on strained electrical systems
- Hardwired for easy integration into current wiring system
- Uses 70% less power than incandescent options



61E41



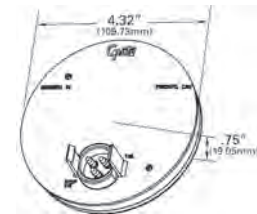
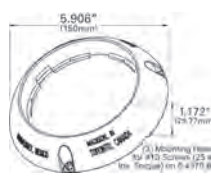
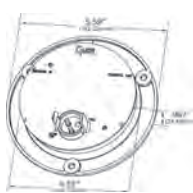
61E01



61H41



61171



Part Number	Product Description	Lighting Technology	Light Output (Usable)	Connection Type	Design Voltage (V)	Amp Draw (A)
61E01	<b>NEW</b> 4" integrated flange	LED	400 Lm	Male Pin	12	.6A
61E11	<b>NEW</b> 4" integrated flange	LED	400 Lm	Male Pin	24	.3A
61G91	<b>NEW</b> 4" integrated flange	LED	400 Lm	Hardwire	12	.6A
61H21	<b>NEW</b> 4" integrated flange	LED	400 Lm	Hardwire	24	.3A
61H51	<b>NEW</b> 4" integrated flange	LED	400 Lm	Hardwire w/2-Way Female	12	.6A
61E41	<b>NEW</b> 4" grommet mount	LED	400 Lm	Male Pin	12	.6A
61E51	<b>NEW</b> 4" grommet mount	LED	400 Lm	Male Pin	24	.3A
61H01	<b>NEW</b> 4" grommet mount	LED	400 Lm	Hardwire	12	.6A
61H11	<b>NEW</b> 4" grommet mount	LED	400 Lm	Hardwire	24	.3A
61E21	<b>NEW</b> 4" euro flange	LED	400 Lm	Male Pin	12	.6A
61E31	<b>NEW</b> 4" euro flange	LED	400 Lm	Male Pin	24	.3A
61H41	<b>NEW</b> 4" euro flange	LED	400 Lm	Hardwire	12	.6A
61H31	<b>NEW</b> 4" euro flange	LED	400 Lm	Hardwire	24	.3A
61171	4" surface mount w/ switch	LED	400 Lm	Hardwire	12	.6A
63551	4" in a rubber housing	LED	400 Lm	Hardwire	12	.6A

### Accessories

Part Number	Description	Fits
67013, 66842, 66846, 67016	Male Pin Pigtail	61E01, 61E11, 61E41, 61E51, 61E21, 61E31



# Interior Lighting

Lumières d'Intérieur Lámparas para Interior



## SURFACE MOUNT FLUORESCENT DOME LAMP

Ballast design prevents electromagnetic and radio frequency interference (EMI/RFI) • Shock tested per SAE requirements • Rigid anodized aluminum base • High efficiency / low power consumption/low heat • Internally fused • Locking bulb mounts • Operating temperatures +32°F to +185°F

**61371** White

Material: ABS  
Finish: Clear  
Bulb: Dual F15T8 CW  
Volts / Amps: 12V / 2.25A  
Accessory: Bulb: 92681  
Lens: Clear 92611

LED



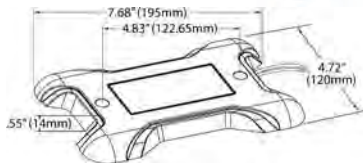
## LED WHITELIGHT™ X-100 DOME LAMP

Built-in automatic thermal protection circuit • Surface mountable; versatile design means both wall or ceiling mountings are possible • Fast installation with 2 self-tapping screws and no holes to cut

**61121** White

**61131** White **24** VOLT

Material: Polycarbonate  
Finish: Clear  
Volts / Amps: 61121: 12V / .6A  
Volts / Amps: 61131: 24V / .3A



LED



## S100 LED WHITELIGHT™ SURFACE MOUNT DOME LAMP

Low profile sleek design, less than 15.0mm height • Moisture proof construction allows for a wide variety of uses • Surface mount allows for quick and easy installation • 300 lumens of output • Operates at -40F to +122F • ECE R10, Dir. 72/ 245/ EEC, Amended by 2006/ 28/ EC

**61391** S100

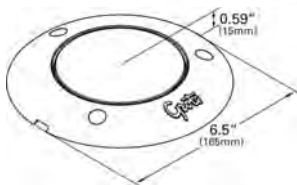
**61401** S100 **24** VOLT

WITH MOTION SENSOR

**61411** S100 w/Motion Sensor

**61421** S100 w/Motion Sensor **24** VOLT

Material: Polycarbonate  
Finish: White / Clear  
Volts / Amps: 12V / .7A (61391, 61411)  
Volts / Amps: 24V / .38A (61401, 61421)

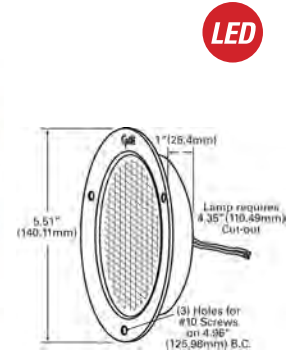


## 4" ROUND FLANGE-MOUNT LED DOME LAMP

Encapsulant potting for total circuit board protection • Hardwire terminations allow for easy connections to the existing wiring system • Chemical resistant acrylic lens, white powder coated housing • Operates at a wide temperature range: from -40°F to +122°F

- 61141** White
- 61021** White 

Material: Aluminum/Acrylic  
 Finish: Clear  
 Volts / Amps: 61141: 12V / .48A  
 Volts / Amps: 61021: 24V / .25A

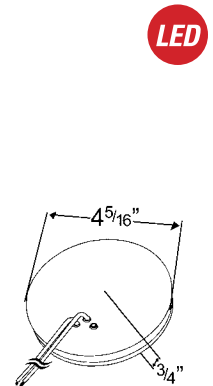


## 4" ROUND UTILITY LAMP

Cost-effective LED lighting option is rated at 50,000 hours • LEDs utilize lower amp draw, putting less load on strained electrical systems  
 • Hardwired for easy integration into current wiring system  
 • Pattern closely resembles a spot pattern

- 64971** Clear
- 63561** Clear, Rubber housing

Material: Polycarbonate/Rubber (63561)  
 Finish: Clear/Black (63561)  
 Volts / Amps: 12V / .6A; 282 Lumens  
 Brackets: 43572, 43253, 92510, 92512, 92513  
 Grommet: 91740, 91950



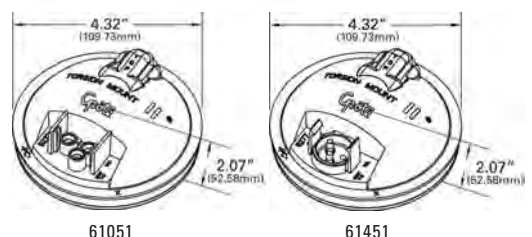
## TORSION MOUNT® II 4" ROUND DOME LAMP

Torsion Mount® II Gel-Mount® bulb cradle design • O-ring seal pigtail design eliminates corrosion • Locking tabs ensure solid pigtail connection  
 • Hermetic lens-to-housing seal

- 61451** Clear, Male Pin
- 61051** Clear, Female Pin

- KITS:**
- 61461** Clear (61451 + 91740 + 67013)
  - 61431** Clear (61051 + 91740 + 67010)

Material: Polycarbonate  
 Finish: Clear  
 Bulb: 15 CP  
 Volts / Amps: 12V / 1.04A  
 Bracket: 43572, 43253, 92510, 92512, 92513  
 Grommet: 91740, 91950  
 Pigtail: Male Pin: 67013, 66842, 66846, 67016;  
 Female Pin: 67010, 67011, 67020, 67015, 67014



61051

61451

# Interior Lighting

Lumières d'Intérieur Lámparas para Interior



## ROUND DOME LAMP WITH SWITCH

Surface mount • Design resists corrosion and lens shattering due to heat build up • Low profile to protect against knock-off by load or personnel

**61161** White Base  
**61091** Chrome Base  
**61091-5** Chrome Base

RETAIL

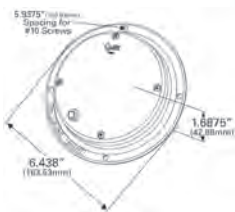
Material: Polycarbonate  
 Finish: Clear  
 Bulb: 93, 15 CP  
 Volts / Amps: 12V / 1.04A  
 Pigtail: 68170  
 Lens: White 91101

## 6" SURFACE MOUNT DOME LAMP WITH SWITCH

Surface mount lamp • Perfect for use as a compartment lamp • Popular lamp for bus and RV applications • Separate ground wire • Not suitable for use in headliners or confined spaces

**61821** Clear

Material: Aluminum  
 Finish: Clear  
 Bulb: 1141, 21 CP  
 Volts / Amps: 12V / 1.44A



LED

## LED WHITELIGHT™ 7" ROUND DOME LAMP

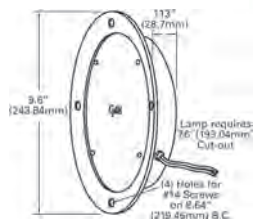
High output white LED dome lamp • Encapsulant potting for total circuit board protection against moisture and corrosion • Designed to operate in extreme-cold temperatures down to -40° • Shallow recess requires only 1 1/4" depth for mounting pan • Self-resetting cut-off feature to protect against excess heat

**61811** Clear

**61061** Clear

24 VOLT

Material: Powder Coated Steel/Acrylic  
 Finish: White/Clear  
 Volts / Amps: 61811 - 12V / 1.92A  
 Volts / Amps: 61061 - 24V / .75A  
 Accessory: Mounting Pan: 43744  
 Lens: Clear 93821

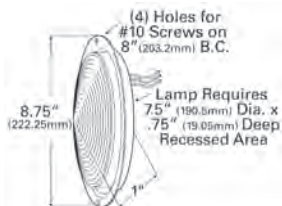


## SEMI-RECESSED UTILITY LAMP

7" diameter with a recess less than 1 inch • Often used on school bus, RV, and ambulance applications • Not for use in headliner or confined area • Third wire for dimming

**63061** Clear

Material: Aluminum/Polycarbonate  
 Finish: Aluminum/Clear  
 Bulb: 1157, 32 CP  
 Volts / Amps: 12V / 2.1A; .59 Amp dimming  
 Lens: 93891



## 8" SURFACE MOUNT DOME LAMPS

7" diameter lens • Surface mount lamp • Separate ground wire  
 • Popular for use as a scare lamp on RVs • Not suitable for use in headliners or confined spaces

- 61791** Clear, White Housing
- 61793** Clear, Stainless Steel Housing

Material: Steel  
 Finish: Stainless/White/Clear Lens  
 Bulb: 1156, 32 CP  
 Volts / Amps: 12V / 2.1A  
 Lens: 93891



## LED SLIMWHITE

High output 500 lumen LED dome lamp emits low heat • Tough polycarbonate lens • Sturdy aluminum base • Profile is less than 3/4" high • Rated at 50,000 service hours • 61G01 multi-function - all, 2- outside segments, 1 middle segment

18" LENGTH	
<b>61E81</b>	500 Lm, Frosted
<b>61E91</b>	500 Lm, Frosted <b>24 VOLT</b>
<b>61G81</b>	700 Lm, Clear
<b>61F01</b>	500 Lm, Frosted, w/ Switch
<b>61F11</b>	500 Lm, Frosted, w/ Switch <b>24 VOLT</b>

48" LENGTH	
<b>61281</b>	1500 Lm, Frosted
<b>61G01</b>	2100 Lm, Clear, Multi-Function

Material: Polycarbonate/ Aluminum  
 Finish: White  
 Volts / Amps: 18" 12V / .6A; 24V / .3A  
 Volts / Amps: 48" 12V / 1.2A

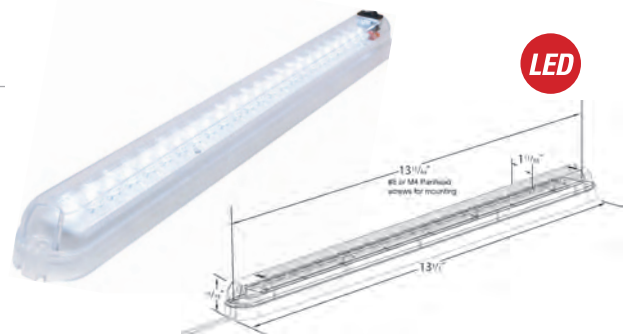


## LED SLIMLITE COURTESY LAMP

Lamp features a low profile of less than one inch • High efficiency lamp generates good light output; uses little power and generates minimal heat  
 • Excellent option for cabinet lighting and other interior uses

- 60581** Clear
- 60591** Clear, w/ Switch

Material: Polycarbonate  
 Finish: Clear  
 Volts / Amps: 12V / .23A

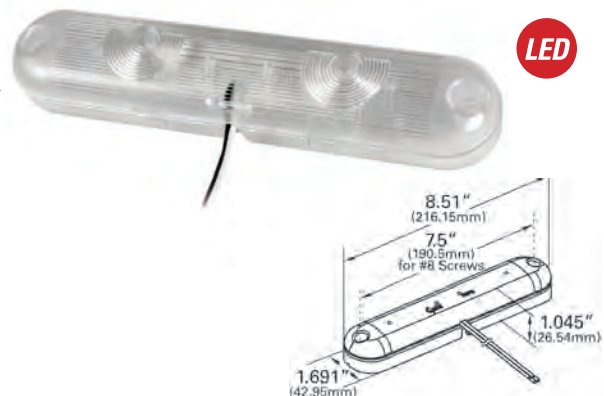


## LED CABINET/COMPARTMENT DOME LAMP

Self-resetting cut-off switch to protect against excess current • Designed to operate in extreme-cold temperatures down to -40° • Encapsulant potting for total circuit board protection against moisture and corrosion  
 • Optic lens design focuses light downward/upward based on orientation

- 61F81** Clear **NEW**

Material: Polycarbonate  
 FMVSS: SAE J575  
 Finish: Clear  
 Volts / Amps: 12V / .35A

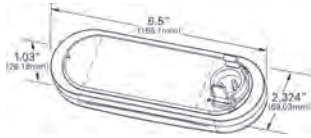




# Interior Lighting

Lumières d'Intérieur L mparas para Interior

LED

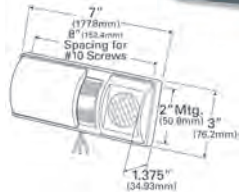


## OVAL LED WHITELIGHT™ DOME LAMP

Grote LEDs provide valuable light output with low amp draw  
 • Cost-effective LED lighting option is rated at 50,000 hours

**61G31** Clear, Male Pin **NEW**

Material: ABS/Acrylic  
 FMVSS: SAE J2139  
 Finish: Clear  
 Volts / Amps: 12.8V / .6A  
 Bracket (requires grommet or flange): 43362, 43952  
 Flange: 43220, 43223, 43222, 43723, 42153  
 Grommet: 92420, 92720  
 Pigtail: 67013, 66842, 66846, 67016

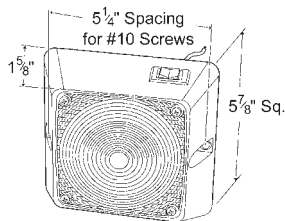


## EUROSTYLE MAP & DOME LAMP

3-way switch: map only, dome/map light, or off • Two options for wiring: either dome lights or not lights when door is open

**61301** Clear

Material: Nylon/Polycarbonate  
 Finish: Black  
 Bulb: Dome - 561, 12 C.P.  
 Volts / Amps: 12 V / .97A  
 Bulb: Map - 1816, 3 C.P.  
 Volts / Amps: 12V / .33A

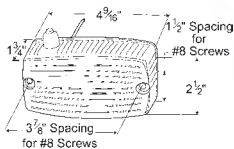


## SQUARE DOME LAMP WITH SWITCH

Three-position switch enables variable intensity: low-6 CP, high-21 CP, or off  
 • Surface mount • Large enough to cover most existing holes

**61221** Clear

Material: ABS/Polycarbonate  
 Finish: Clear  
 Bulb: 1016, 21/6 CP  
 Volts / Amps: 12V / 1.5A max  
 Lens: Clear 90481



## DOMELAMP WITH SWITCH

Durable polycarbonate lens • Integrated on/off toggle switch • Raised lens for maximum light dispersion • Comes with ground wire

**61491-5** Clear **RETAIL**

Material: Steel/Polycarbonate  
 Finish: Clear  
 Bulb: 1156, 32 CP  
 Volts / Amps: 12V / 2.1A

## ECONOMY DOME LAMP

Surface mount, snap-on lens; molded o-ring • Low profile; less than 1 inch high

**61081** Clear

Material: Polypropylene/Polycarbonate  
 Finish: Clear  
 Bulb: (2) 1893, 2 CP  
 Volts / Amps: 12V / .66A  
 Bracket: 43144  
 Pigtail: 68280, 67120  
 Lens: Clear 90121

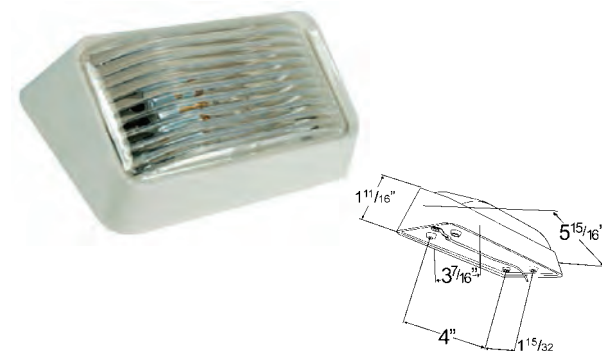


## RECTANGULAR PORCH/UTILITY LAMP

Very popular for use as a porch/utility light on RVs and small trailers  
 • Surface mount • Separate ground wire for use when mounting on fiberglass • Replaceable, snap-on lens

**61641** Clear, White Housing

Material: ABS  
 Finish: Clear  
 Bulb: 1141, 21 CP  
 Volts / Amps: 12V / 1.44A



## SMALL RECTANGULAR LED UTILITY LAMP

Long-life LED light source makes this lamp the perfect choice for difficult-to-reach mounting locations • Uses same UBS pigtails as incandescent for a quick Plug-and-Go® retrofit • Encapsulant potting for total circuit board protection • Hermetic lens-to-housing seal prevents lamp from fogging due to moisture

**60421** Clear

Material: Polycarbonate  
 Finish: Clear  
 Volts / Amps: 12V / .2A  
 Bracket: 43380, 43370, 43970, 43980  
 Pigtail: 66850, 67050, 67001, 66851, 66800, 66840

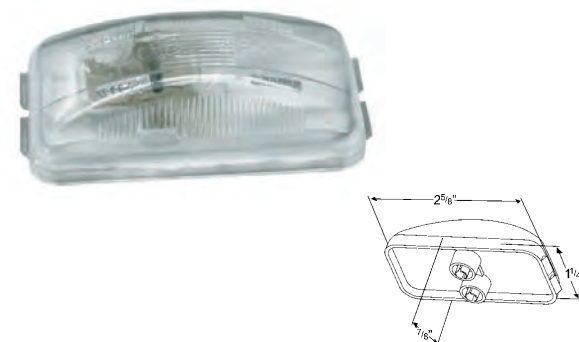


## SMALL RECTANGULAR UTILITY LAMP

Sonically sealed lens • Single 15,000 hour bulb

**60271** Clear

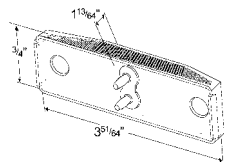
Material: Polycarbonate  
 Finish: Clear  
 Bulb: 2 CP  
 Volts / Amps: 12V / .33A  
 Bracket: 43380, 43370, 43970, 43980  
 Pigtail: 66850, 67050, 67001, 66851, 66800, 66840



# Interior Lighting

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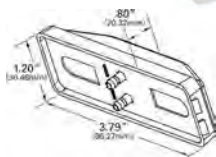


## RECTANGULAR LED UTILITY LAMP

Long-life LED light source makes this lamp the perfect choice for difficult-to-reach mounting locations • Uses same UBS pigtails as incandescent for a quick Plug-and-Go® retrofit • Encapsulant potting for total circuit board protection from corrosion • Hermetic lens-to-housing seal

**60411** Clear

Material: Polycarbonate  
Finish: Clear  
Volts / Amps: 12V / .2A  
Bracket: 43780, 43783, 43390, 43790, 43850  
Pigtail: 66982, 66980, 66981



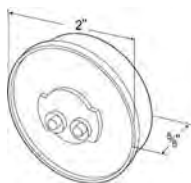
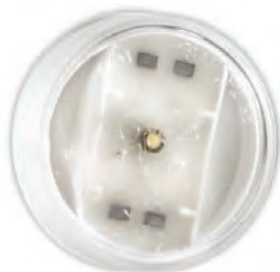
## RECTANGULAR UTILITY LAMP

Sonically sealed, rectangular double-bulb lamp • Designed for narrow mounting applications • 15,000 hour bulbs

**60301** Clear

Material: Polycarbonate  
Finish: Clear  
Bulb: 2 CP  
Volts / Amps: 12V - .66A  
Bracket: 43390, 43780, 43790, 43850, 43783  
Pigtail: 66981, 66982

LED

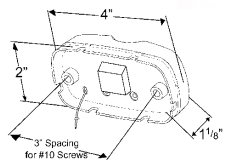


## 2" LED INTERIOR COURTESY LAMP

Bright, single LED provides ample light for tool boxes, cabinets, and other hard to light areas • Encapsulant potting for total circuit board protection against vibration and corrosion

**60561** White

Material: Polycarbonate  
Finish: Clear  
Volts / Amps: 14V / .2A  
Bracket: 42190, 43690, 43150, 43152, 43153, 43532  
Grommet: 92120, 92150, 94100  
Pigtail: 66851, 66850, 66840, 67001, 67050, 66801



## TWO-BULB SQUARE CORNER UTILITY LAMP

Ideal courtesy or dome lamp • Attached pigtail with two stainless steel grounds

**46791** Clear

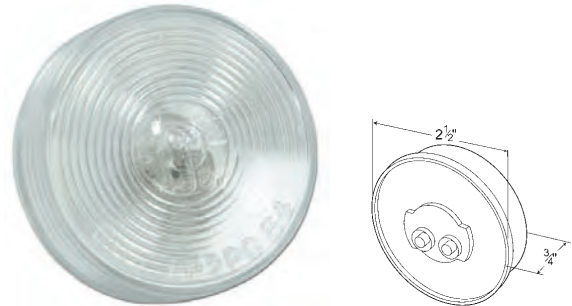
Material: Polypropylene/Polycarbonate  
Finish: Clear  
Bulb: 1893 (2), 2 CP  
Volts / Amps: 12V / .66A  
Pigtail: 67120  
Lens: 91961

## 2 1/2" ROUND UTILITY LAMP

Ideal for utility, courtesy or dome applications • Hermetic lens-to-housing seal • 15,000 hour bulb • Twist-on mounting

**45811** Clear

Material: Polycarbonate  
 Finish: Clear  
 Bulb: 2 CP  
 Volts / Amps: 12V / .33A  
 Bracket: 43690, 43160, 43163, 43512, 43522  
 Grommet: 91880, 91890, 91400, 91410, 92070  
 Pigtail: 66851, 66850, 67001, 67050, 66801, 66800, 66840

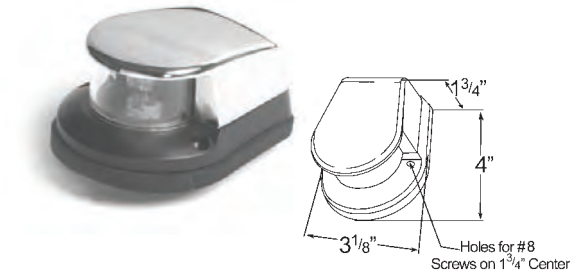


## STEPWELL UTILITY LAMP

Rugged, heavy-duty design • Brilliant chrome finish • Easy to install  
 • Includes foam mounting pad

**60351** Clear

Material: Die-cast/Polycarbonate  
 FMVSS: L  
 Finish: Chrome  
 Bulb: 906, 6 CP  
 Volts / Amps: 12V / .7A



## LED COURTESY STEPWELL LAMP

Electronics completely encapsulated with durable epoxy for maximum environmental protection • Same mounting as popular incandescent versions • Connections can be easily adjusted for typical installations  
 • Designed to integration into existing bus electronic platforms • ADA compliant (LED)

**60571** White

Material: Stainless Steel/Polycarbonate  
 Finish: Stainless  
 Volts / Amps: 14V / .3A  
 Lens: 93201

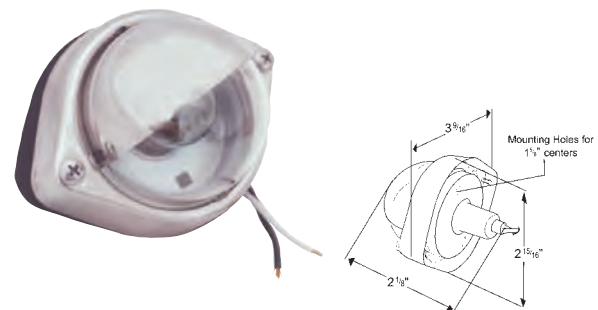


## COURTESY STEP LAMP

Bright, polished stainless steel construction • High heat and impact resistant lens • Adjustable hood for directional lighting • Bulb replaceable • Mounting pad and screws included

**60361** Clear

Material: Stainless Steel/Polycarbonate  
 Finish: Stainless  
 Bulb: 1142, 21 CP  
 Volts / Amps: 12V / 1.34A



## MICRONOVA® DOT LED COURTESY STEPWELL LAMP

Durable one-piece LED lamp design • Hardwire with .180 slim-line UBS plug connections for maximum performance

**60721** Lamp with Hooded Grommet **NEW**

Material: Polycarbonate/PVC  
 FMVSS: L  
 Finish: Clear/Black  
 Volts / Amps: 14V / .05A  
 Grommets: 94360





# Interior Lighting

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LED



## HI COUNT® LED COURTESY LAMP

Mounts using two #6 screws • Longer life than incandescent; uses LED technology to reduce maintenance costs

**G6261** Stainless Steel

Material: Stainless Steel  
Finish: Stainless  
Volts / Amps: 12V / .02A



## COURTESY LAMP

Chrome plated steel housing • Single-bulb unit similar to lamps on Chevrolet/GM® vehicles

**60251** Clear

**60251-5** Clear **RETAIL**

Material: Steel  
Finish: Chrome  
Bulb: 67, 4 CP  
Volts / Amps: 12V / .59A

LED



## LED COMPACT COURTESY LAMP

Fits 1 1/4" hole in panels from 1/16" to 1/8" thick • Rubber-sealed spring and pigtail assembly • Translucent white plastic lens with chrome shade

**G6121** Clear

**NEW**

Material: Steel  
Finish: Chrome  
Volts / Amps: 12V / .02A



## COMPACT COURTESY LAMP

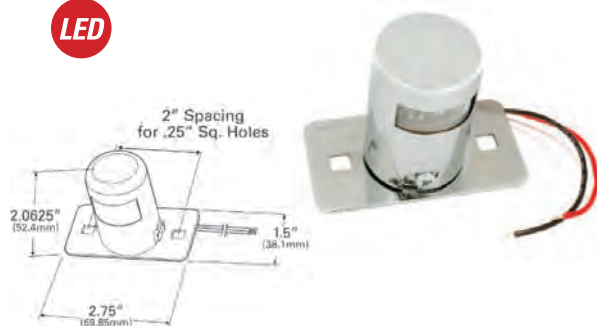
Fits 1 1/4" hole in panels from 1/16" to 1/8" thick • Rubber-sealed spring and pigtail assembly • Translucent white plastic lens with chrome shade

**60101** Clear

**60101-5** Clear **RETAIL**

Material: Steel  
Finish: Chrome  
Bulb: 67, 4 CP  
Volts / Amps: 12V / .59A  
Accessory: Socket Wire: 84-1003

LED



## LED COURTESY LAMP

Illuminates instrument panel and compartments • Clear plastic lens

**G6131** Clear

**NEW**

Material: Steel  
Finish: Chrome  
Volts / Amps: 12V / .002A

## ECONOMY COURTESY LAMP

Illuminates instrument panel and compartments • Clear plastic lens

**60151** Clear  
**60151-5** Clear **RETAIL**

Material: Steel  
 Finish: Stainless Steel  
 Bulb: 67, 4 CP  
 Volts / Amps: 12V / .59A  
 Pigtail: 68080



## HI COUNT® INTERIOR/UTILITY LAMP

LED offering provides maximum lighting output in tight spaces • Low power consumption and heat production • Hooded guard to reduce glare

**G6151** Clear

Material: Steel/Polycarbonate  
 Finish: Chrome  
 Volts / Amps: 12V / .025A

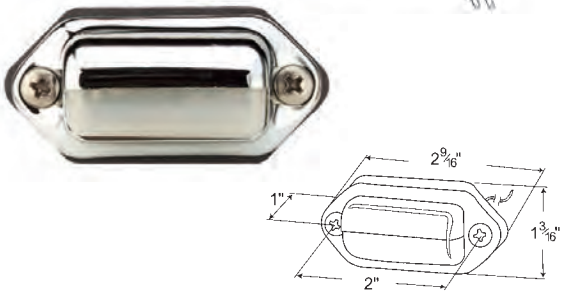


## INTERIOR/UTILITY LAMP

Chrome plated housing • Hooded guard to reduce glare • Separate ground wire

**61501** Clear  
**61501-5** Clear **RETAIL**

Material: Brass/Polycarbonate  
 Finish: Chrome  
 Bulb: 194, 2 CP  
 Volts / Amps: 12V / .27A



## LED ROPE LIGHTING

Flexible rope lighting is perfect for compartments and tool boxes  
 • 50' roll comes with 10 wire connectors, 50 mounting clips and 10 end caps • 1/2" diameter rope • LEDs spaced 1 per inch

**60481** White

### ACCESSORIES:

**93780** 10 Power Wires & End Caps  
**93790** 50 Mounting Clips

Finish: Clear  
 Volts / Amps: 12V / .07A per foot

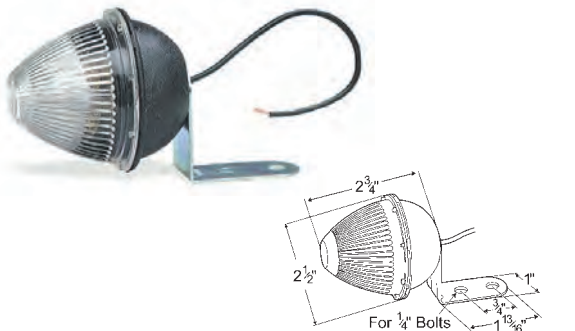


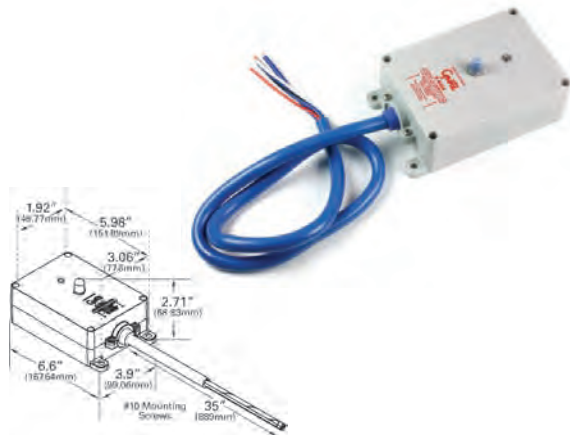
## BEEHIVE LAMP WITH FIXED ANGLE MOUNTING BRACKET

Maximum light diffusion • Fade-proof acrylic lens

**45021-5** Clear **RETAIL**

Material: ABS/Acrylic  
 Finish: Clear  
 Bulb: 67, 4 CP  
 Volts / Amps: 12V / .59A





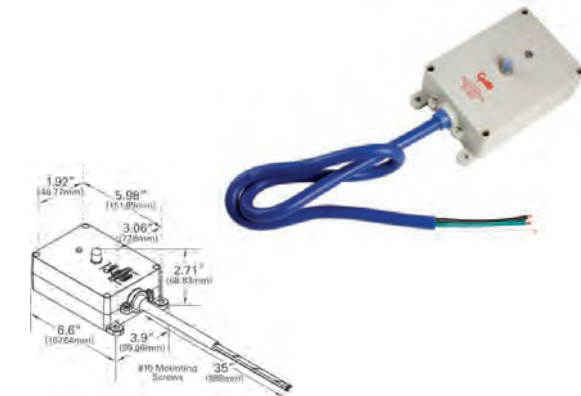
## AUTOMATIC ELECTRONIC DOME LIGHT SWITCH WITH TIMER

Reduces the overall number of components of an interior lighting system

- Eliminates tapping into the air brake delivery system
- Automatic shut-down of circuit for no-fuss on/off
- Allows for multiple, simple ground-sensing switches while maintaining the integrity of the interior lighting system
- Timer is factory pre-set for 40 minutes on-time and can be manually shut off or automatically when the vehicle experiences forward/backward acceleration
- Operates at -40C to +85C
- Four wire design
- Designed to replace Grote part number 44360

### 44440 Dome Lamp Switch **NEW**

Material: Nylon/ G.F., UL94HB/ Polycarbonate  
 FMVSS: SAE J1455, J2139, IP65  
 Finish: Gray  
 Volts / Amps: 9-16 Volt Range / 15A max load



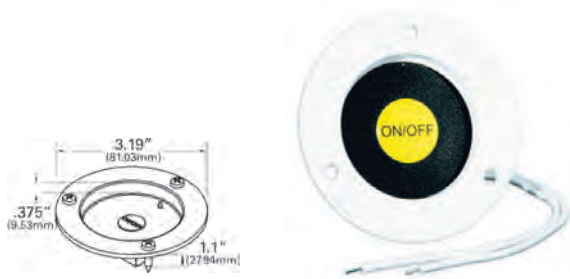
## ELECTRONIC DOME LAMP SWITCH

Solid-state electronic circuitry

- Impact resistant PVC construction
- Sealed trigger switch
- High current-switching capacity of 30 amps, not to exceed 15 operating amps
- Wide voltage range: 9 to 16 volts
- Three-wire design
- Designed to replace Grote part number 44240

### 44910 Full Feature, Surface Mount **NEW**

Material: PVC  
 FMVSS: IP65  
 Finish: Gray  
 Volts / Amps: 12V / 15A max  
 Accessory: automotive style 15A fuse



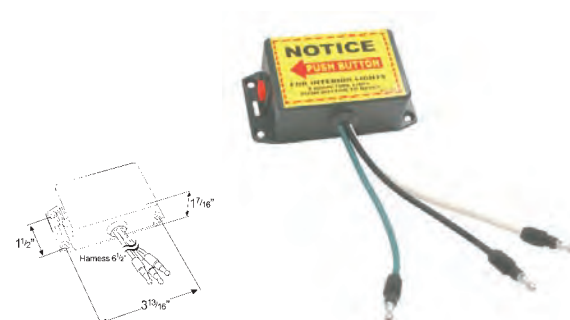
## RECESSED MOMENTARY GROUND SWITCH

Simple switch to reset the timer function of standard "outside-the-trailer" switches

- Recessed into the trailer wall to eliminate bumps and knock-offs
- Easy to integrate into the current system
- For use with 44360, 44440 and 44190 switches

### 44380 Switch

Material: ABS  
 FMVSS: SAE J575e 1970  
 Finish: White  
 Volts / Amps: .02V - 30V (D.C)



## ECONOMY FULL-FEATURE TIMER SWITCH

Solid-state, low profile design

- Two-hour timer
- Fully potted for protection against moisture
- 5-Amp, field-replaceable blade fuse

### 44242 Switch

Material: Polycarbonate  
 Finish: Gray  
 Volts: 10-14V

## TRILLIANT® CUBE LED WORK LAMPS

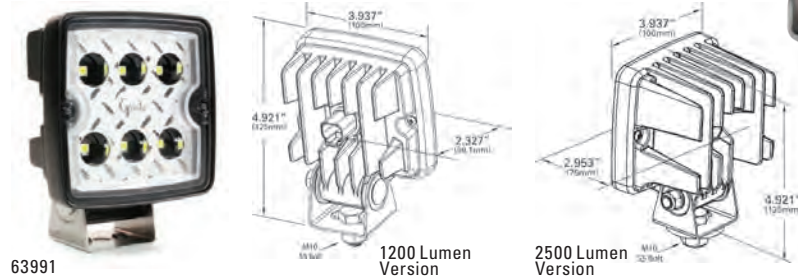


### FEATURES & BENEFITS

- Compact 4" x 4" lamps available in 1200 and 2500 lumen models
- Highest quality electronic components and advanced Grote circuit design provides electronically quiet operation. This ensures long life, consistent light output, and protection from voltage spikes and electromagnetic interference
- All-weather design means consistent, reliable light for the task duration regardless of conditions
- Rugged SAE J575E-compliant construction protects against vibration, corrosion, moisture, and dust
- Sophisticated reflector optics waste less light, focuses more light on task



63F61



63991

1200 Lumen Version

2500 Lumen Version

Part Number	Light Pattern	Connection Type	Product Description	Light Output (Usable Lumens)	Wattage (W)	Voltage (V)	Amperage (A)
63981	Flood	AMP SuperSeal	4 x 4 work lamp w/pigtail	1200	17	12/24	1.4/.7
63981-5	Flood	AMP SuperSeal	4 x 4 work lamp w/pigtail	1200	17	12/24	1.4/.7
63991	Wide Flood	AMP SuperSeal	4 x 4 work lamp w/pigtail	1200	17	12/24	1.4/.7
63991-5	Wide Flood	AMP SuperSeal	4 x 4 work lamp w/pigtail	1200	17	12/24	1.4/.7
63E21	Flood	Deustch	4 x 4 work lamp	1200	17	12/24	1.4/.7
63E31	Wide Flood	Deustch	4 x 4 work lamp	1200	17	12/24	1.4/.7
63H31	Flood	Deustch	4 x 4 work lamp	1000	17	48	0.35
63F21	Flood	Deustch	High output, 4 x 4 work lamp	2500	36	12	3
63F31	Flood	Deustch	High output, 4 x 4 work lamp	2500	36	24	1.5
63F41	Wide Flood	Deustch	High output, 4 x 4 work lamp	2500	36	12	3
63F51	Wide Flood	Deustch	High output, 4 x 4 work lamp	2500	36	24	1.5
63F61	Flood	AMP SuperSeal	High output, 4 x 4 work lamp w/pigtail	2500	36	12	3
63F71	Wide Flood	AMP SuperSeal	High output, 4 x 4 work lamp w/pigtail	2500	36	12	3

All figures listed are based on nominal voltage

### Accessories

Part Number	Description	Fits
68580	AMP SuperSeal Pigtail Blunt Cut	All AMP SuperSeal lamps
68610	Deustch Pigtail Blunt Cut	All Deustch lamps

Materials	Certifications	Ingress Protection
Powder Coated Cast Aluminum Housing/ Stainless Steel Bracket/ Polycarbonate Lens	ECE R10, Dir. 72/245/EEC, Amended by 2006/28/EC	IP69K



## TRILLIANT® OVAL LED WORK LAMPS



### FEATURES & BENEFITS

- Available in 1200 and 2500 lumen models
- Highest quality electronic components and advanced Grote circuit design provides electronically quiet operation. This ensures long life, consistent light output, and protection from voltage spikes and electromagnetic interference
- All-weather design means consistent, reliable light for the task duration regardless of conditions
- Rugged SAE J575E-compliant construction protects against vibration, corrosion, moisture, and dust
- Two beam patterns to choose from (Flood and Wide Flood). Sophisticated reflector optics waste less light, focuses more light on task



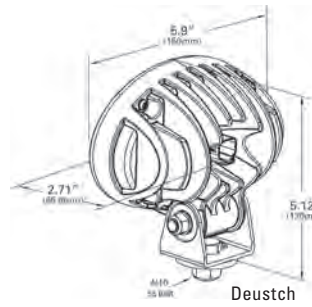
2500 Lumen Wide Flood

63J11

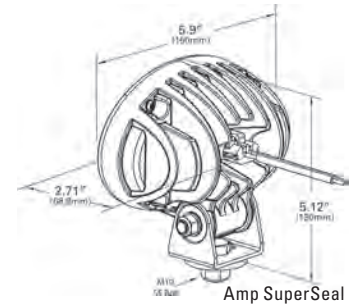


1200 Lumen Flood

63F81



Deustch



Amp SuperSeal

Part Number	Light Pattern	Connection Type	Product Description	Light Output (Usable Lumens)	Wattage (W)	Voltage (V)	Amperage (A)
63F81 <small>ECE NEW</small>	Flood	AMP SuperSeal	Oval work lamp w/pigtail	1200	17	12/24	1.4/.7
63F81-5 <small>ECE NEW RETAIL</small>	Flood	AMP SuperSeal	Oval work lamp w/pigtail	1200	17	12/24	1.4/.7
63F91 <small>ECE NEW</small>	Wide Flood	AMP SuperSeal	Oval work lamp w/pigtail	1200	17	12/24	1.4/.7
63G01 <small>ECE NEW</small>	Flood	Deustch	Oval work lamp	1200	17	12/24	1.4/.7
63G11 <small>ECE NEW</small>	Wide Flood	Deustch	Oval work lamp	1200	17	12/24	1.4/.7
63J01 <small>ECE NEW</small>	Flood	AMP SuperSeal	High output oval work lamp, w/pigtail	2500	36	12/24	3/1.5
63J11 <small>ECE NEW</small>	Wide Flood	AMP SuperSeal	High output oval work lamp, w/pigtail	2500	36	12/24	3/1.5
63J21 <small>ECE NEW</small>	Flood	Deustch	High output oval work lamp	2500	36	12/24	3/1.5
63J31 <small>ECE NEW</small>	Wide Flood	Deustch	High output oval work lamp	2500	36	12/24	3/1.5

All figures listed are based on nominal voltage

### Accessories

Part Number	Description	Fits
68580	AMP SuperSeal Pigtail Blunt Cut	All AMP SuperSeal Lamps
68610	Deustch Pigtail Blunt Cut	All Deustch Lamps

Materials	Certifications	Ingress Protection
Powder Coated Cast Aluminum Housing/Stainless Steel Bracket/Polycarbonate Lens	ECE R10, Dir. 72/245/EEC, Amended by 2006/28/EC CE	IP69K

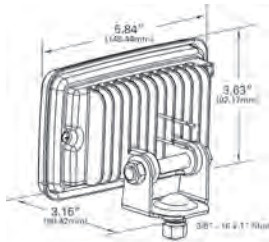
## TRILLIANT® MINI LED WORK LAMPS

### FEATURES & BENEFITS

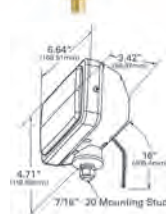
- LEDs are rated for 50,000-hour for long-lasting service
- Polycarbonate hard coated lens provides many years of service
- 3X5 size makes this lamp a natural LED upgrade for many incandescent and halogen sealed beams



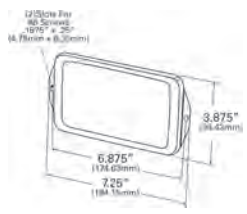
63602



In Per-Lux® Housing 63651



63610 Flush Mount Version



Part Number	Light Pattern	Connection Type	Product Description	Light Output (Usable Lumens)	Wattage (W)	Voltage (V)	Amperage (A)
63601	<a href="#">ECE</a> Spot	Hardwire	3 x 5 work lamp	750	10	12	0.8
63641	<a href="#">ECE</a> Spot	Hardwire	3 x 5 work lamp in Per-Lux® housing	750	10	12	0.8
63602	<a href="#">ECE</a> Spot	Hardwire	3 x 5 work lamp featuring red LEDs	135	10	12	0.8
63731	<a href="#">ECE</a> Spot	Hardwire	3 x 5 work lamp	750	10	24	0.4
63610	<a href="#">ECE</a> Flood	Hardwire	3 x 5 flush mount work lamp	700	10	12	0.8
63611	<a href="#">ECE</a> Flood	Hardwire	3 x 5 work lamp	700	10	12	0.8
63651	<a href="#">ECE</a> Flood	Hardwire	3 x 5 work lamp in Per-Lux® housing	700	10	12	0.8
63741	<a href="#">ECE</a> Flood	Hardwire	3 x 5 work lamp	700	10	24	0.4
63621	<a href="#">ECE</a> Trapezoid	Hardwire	3 x 5 work lamp	700	10	12	0.8
63661	<a href="#">ECE</a> Trapezoid	Hardwire	3 x 5 work lamp in Per-Lux® housing	700	10	12	0.8
63751	<a href="#">ECE</a> Trapezoid	Hardwire	3 x 5 work lamp	700	10	24	0.4

All figures listed are based on nominal voltage

### Accessories

Part Number	Description	Fits
94690	Flush mount bracket and gasket	All Trilliant® Mini lamps to convert to Flush Mount

Materials	Certifications	Ingress Protection
Powder Coated Die-Cast Aluminium Housing/ Polycarbonate Lens Stainless Steel Hardware	ECE R10, Dir. 72/245/EEC, Amended by 2006/28/EC	IP69K

# Work Lighting

Lampe de Travail Iluminación de Trabajo

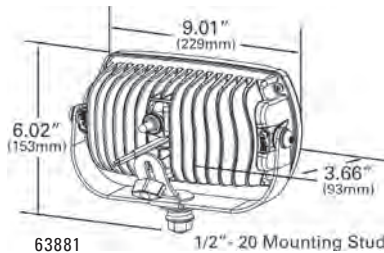
## TRILLIANT® LED WORK LAMPS

### FEATURES & BENEFITS

- Long-lasting, high output LED work lamp
- Field tested in brutal off-road conditions
- Easily mountable with a durable 1/2" stud mounting bracket, also features Aim-N-Go technology
- Available in black or white housings; also some models include an integrated switch



63E41



63881

1/2" - 20 Mounting Stud



White Reflector Optics Version



Lens Optics Version

Part Number	Light Pattern	Housing Color	Product Description	Optic Design	Light Output (Usable Lumens)	Wattage (W)	Voltage (V)	Amperage (A)
63571 ECE	Spot	Black	Beam pattern can be changed via lens	Lens	1300	50	12/24	4.2/2.1
63671 ECE	Spot	Black	Beam pattern can be changed via lens	Lens	1300	50	24	2.1
63881 ECE NEW	Spot	Black	Integrated switch	Lens	1300	50	12/24	4.2/2.1
63901 ECE NEW	Spot	White	Beam pattern can be changed via lens	Lens	1300	50	12/24	4.2/2.1
63581 ECE	Flood	Black	Beam pattern can be changed via lens	Lens	1600	50	12/24	4.2/2.1
63681 ECE	Flood	Black	Beam pattern can be changed via lens	Lens	1600	50	24	2.1
63E41 ECE NEW	Flood	Black	Lens repairable	Reflector	2700	50	12/24	4.2/2.1
63E61 ECE NEW	Flood	Black	Lens repairable	Reflector	2700	50	12/24	4.2/2.1
63951 ECE NEW	Flood	Black	Integrated switch	Reflector	2700	50	12/24	4.2/2.1
63911 ECE NEW	Flood	White	Lens repairable	Reflector	2700	50	12/24	4.2/2.1
63761 ECE	Wide Flood	Black	Lens repairable	Lens	2300	50	12/24	4.2/2.1
63771 ECE	Wide Flood	Black	Lens repairable	Lens	2300	50	24	2.1
63E51 ECE NEW	Wide Flood	Black	Lens repairable	Reflector	2000	50	12/24	4.2/2.1
63E71 ECE NEW	Wide Flood	Black	Lens repairable	Reflector	2000	50	24	2.1
63961 ECE NEW	Wide Flood	Black	Integrated switch	Reflector	2000	50	12/24	4.2/2.1
63931 ECE NEW	Wide Flood	White	Lens repairable	Reflector	2000	50	12/24	4.2/2.1
63591 ECE	Trapezoid	Black	Beam pattern can be changed via lens	Lens	1400	50	12/24	4.2/2.1
63691 ECE	Trapezoid	Black	Beam pattern can be changed via lens	Lens	1400	50	24	2.1

All figures listed are based on nominal voltage

### Accessories

Part Number	Description	Fits
94580	Spot Lens	63571; 63671; 63881; 63901
94590	Trapezoid Lens	63591; 63691
94600	Flood Lens	63581; 63681
98100	Chrome Bezel	All Trilliant® Lamps
43651	White Bracket	All Trilliant® Lamps
43652	Black Bracket	All Trilliant® Lamps
21-1313-03	Two-Hole Bracket	All Trilliant® Lamps

Materials	Certifications	Ingress Protection
Powder Coated Cast Aluminum Housing/ Powder Coated Steel Bracket/Polycarbonate Lens	ECE R10, Dir. 72/245/EEC, Amended by 2006/28/EC	IP69K



## TRILLIANT® 36 LED WORK LAMPS



### FEATURES & BENEFITS

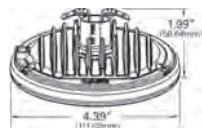
- Hard coated lens for durability and protection against UV
- Thermal pull back circuit to protect the LEDs from overheating
- Aluminum housing with black powder coating
- Encapsulant potting for total circuit board protection against moisture and corrosion
- Bulb termination accommodates either screw or FastOn cable connections
- Color temperature provides a natural contrast most like sunlight, reducing eye fatigue and optimizing job performance
- Replaceable lens with three stainless steel Phillips head screws



63821



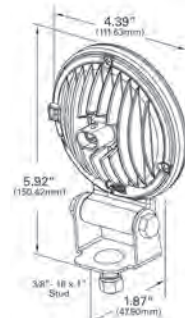
63831



63861



63871



Part Number	Light Pattern	Connection Type	Product Description	Light Output (Usable Lumens)	Wattage (W)	Voltage (V)	Amperage (A)
63971	TractorPlus	AMP SuperSeal	Replaceable bulb version	1100	17	12/24	1.4/.7
63H81	Wide Flood	AMP SuperSeal	Replaceable bulb version	1000	17	12/24	1.4/.7
63H01	Wide Flood	Deustch	Integrated bracket	1000	17	12/24	1.4/.7
63H11	TractorPlus	Deustch	Integrated bracket	1100	17	12/24	1.4/.7
63821-5	TractorPlus	Spade/Screw Terminals	Replaceable bulb version	1100	17	12/24	1.4/.7
63821	TractorPlus	Spade/Screw Terminals	Replaceable bulb version	1100	17	12/24	1.4/.7
63831-5	Wide Flood	Spade/Screw Terminals	Replaceable bulb version	1000	17	12/24	1.4/.7
63831	Wide Flood	Spade/Screw Terminals	Replaceable bulb version	1000	17	12/24	1.4/.7
63861-5	TractorPlus	AMP SuperSeal	Integrated bracket	1100	17	12/24	1.4/.7
63861	TractorPlus	AMP SuperSeal	Integrated bracket	1100	17	12/24	1.4/.7
63871-5	Wide Flood	AMP SuperSeal	Integrated bracket	1000	17	12/24	1.4/.7
63871	Wide Flood	AMP SuperSeal	Integrated bracket	1000	17	12/24	1.4/.7

All figures listed are based on nominal voltage

### Accessories

Part Number	Description	Fits
94300	TractorPlus™ Lens	All TractorPlus™ T36 Lamps
94310	Flood Lens	All Flood T36 Lamps
68580	AMP SuperSeal Pigtail Blunt Cut	All AMP SS T36 Lamps
68610	Deustch Pigtail Blunt Cut	63H01,63H11

Materials	Certifications	Ingress Protection
Powder Coated Aluminum Housing/ Polycarbonate Lens	ECE R10, Dir. 72/245/ EEC, Amended by 2006/28/EC	IP69K



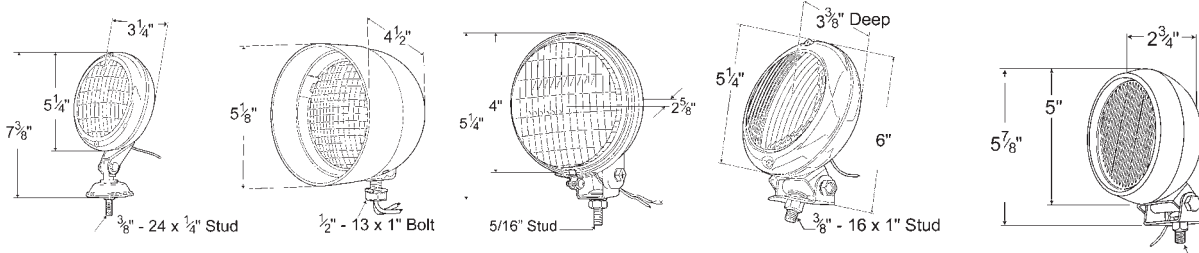
## PAR 36 UTILITY LAMPS

### FEATURES & BENEFITS

- For versatile application as utility, fifth-wheel, backup, tractor, forklift or off-road vehicle lamp



64931  
64921



Part Number	Light Pattern	Product Description	Housing Material	Light Output (CP)	Wattage (W)	Voltage (V)	Amperage (A)
64931	Tractor	Incandescent work lamp	Rubber	3,000	35	12	2.7
64931-5 <small>RETAIL</small>	Tractor	Incandescent work lamp	Rubber	3,000	35	12	2.7
64921	Tractor	Incandescent work lamp	Rubber	5,000	50	24	1.8
64991	Tractor	Halogen work lamp	Rubber	1,000	50	12	3.9
64101	Tractor	Incandescent work lamp	Steel	3,000	35	12	2.7
64441	Trapezoid	Incandescent work lamp	Steel	3,000	35	12	2.7
64461	Trapezoid	Incandescent work lamp	Steel	5,000	50	24	1.8
64411	Tractor	Halogen work lamp	Plastic	1,000	50	12	3.9
63291-5 <small>RETAIL</small>	Tractor	Retail display pack	Plastic	121	55	12	4.7
63301-5 <small>RETAIL</small>	Tractor	Retail display pack	Plastic	146	70	24	2.6
64111	Spot	Chrome surveillance lamp	Steel	33,000	35	12	2.7

*All figures listed are based on nominal values*

### Accessories

Part Number	Product Description	Fits
64930	Rubber Housing	Par 36 bulbs
43300	Magnet Mounting Hardware	Pedestal Mount Lamps
64120	Chrome Housing	Par 36 bulbs
90861-5	H3 Bulb	63291-5
90971-5	H3 Bulb	63291-5
91051	H3 Bulb	63301-5
63821	LED Replacement Bulb, TractorPlus™	Rubber Lamps
63821-5	LED Replacement Bulb, TractorPlus™	Rubber Lamps
63831	LED Replacement Bulb, Wide Flood	Rubber Lamps
63831-5	LED Replacement Bulb, Wide Flood	Rubber Lamps
79-9005-48	Hardware	Rubber Lamps

### Other Replacement Bulbs

Part Number	Product Description	Fits
4411	PAR 36 Bulb	64931(-5), 64101 and 64441
4589	PAR 36 Bulb	64921 and 64461
H7606	Halogen Par 36 Bulb	64991, 64411 and 64561
7400	Halogen Par 36 Bulb	64111

## PAR 46 UTILITY LAMPS

### FEATURES & BENEFITS

- For versatile application as utility, fifth wheel, back up, tractor, or off-road vehicle lamp



63921



64341  
64391



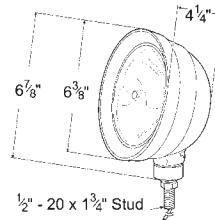
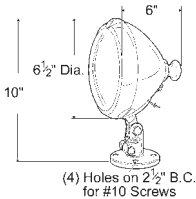
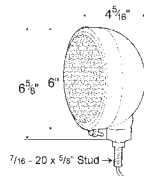
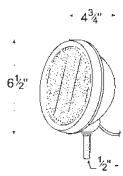
64231



63941



64471  
64941  
64491



Part Number	Light Pattern	Product Description	Housing Material	Light Output (CP)	Wattage (W)	Voltage (V)	Amperage (A)
64941	Flood	Incandescent work lamp	Rubber	1,100	35	12	2.7
64491	Flood	Incandescent work lamp	Rubber	32,000	150	24	5.4
64471	Flood	Halogen work lamp	Rubber	200,000	100	12	7.7
64943	Flood	Incandescent work lamp, yellow lens	Rubber	8,800	35	12	2.7
64341	Tractor	Incandescent work lamp	Steel	1,110	35	12	2.7
64391	Tractor	Incandescent work lamp	Steel	32,000	150	24	5.4
64231	Tractor	Incandescent work lamp, chrome finish	Brass	11,000	35	12	2.7
63921	Spot	Halogen adjustable surveillance lamp w/ handle, chrome finish	Steel	160,000	50	12	3.9
63941	Spot	Halogen adjustable surveillance lamp, chrome finish	Steel	75,000	30	12	2.3

All figures listed are based on nominal values

### Accessories

Part Number	Description	Fits
64940	Rubber Housing	Par 46 Bulbs
64340	Steel (Black) Housing	Par 46 Bulbs
64011	Steel Housing	Par 46 Bulbs
64021	Steel (Chrome) Housing	Par 46 Bulbs

### Other Replacement Bulbs

Part Number	Description	Fits
4435	Spot Pattern Par 46 Lamps	64471, 63921, 63941
4413	Flood Pattern Par 46 Lamps	64941, 64491
H7635	Halogen Par 46 Lamps	64471, 64941, 64341, 64231, 63921, 63941
4412	Par 46 Lamps	64471, 64941, 64341, 64231, 63921, 63941
4412A	Amber Lens Par 46 Lamps	64943
4537	Par 46 Lamps	64471, 64941, 64341, 64231, 63921, 63941
4570	24V Par 46 Lamps	64491, 64391

# Work Lighting

Lampe de Travail Iluminación de Trabajo



## COMPOSITE WORK LAMP

Composite design (bulb replaceable) • Multiple beam patterns for use in any application • Side or top mount • John Deere® replacement lamp

- |                |                      |        |
|----------------|----------------------|--------|
| <b>63111-5</b> | Top Mount, Flood     | RETAIL |
| <b>63121-5</b> | Top Mount, Spot      | RETAIL |
| <b>63131-5</b> | Top Mount, Trapezoid | RETAIL |
| <b>63321-5</b> | Side Mount, Flood    | RETAIL |
| <b>64611</b>   | Top Mount, Flood     |        |
| <b>64621</b>   | Side Mount, Flood    |        |

Material: Nylon/Glass  
Finish: Black  
Bulb: 888, 95 CP; Volts / Amps: 12V / 3.9A

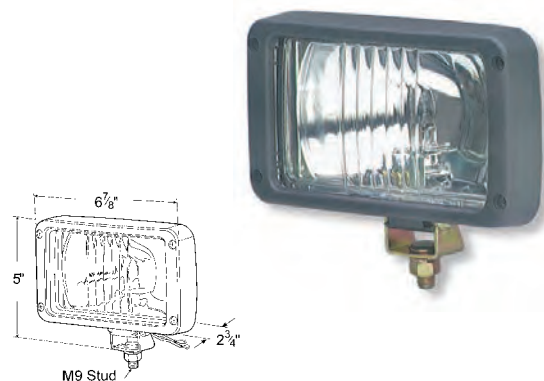


## 4" X 6" RECTANGULAR RUBBER WORK LAMP

Lamps maintains structural integrity through all weather conditions (-50°F to +150°F) • Reinforced, ribbed housing for added strength • Adjustable bracket with 12 mm diameter stud

- |                |               |        |
|----------------|---------------|--------|
| <b>64891</b>   | Flood         |        |
| <b>63211-5</b> | Flood         | RETAIL |
| <b>63221-5</b> | Halogen, Spot | RETAIL |
| <b>63231-5</b> | Trapezoid     | RETAIL |
| <b>64890</b>   | Housing only  |        |

Material: Rubber  
Finish: Black  
Bulb: Flood: 4913-1, 50 Watt, 1,350 CP; Volts / Amps: 12V / 3.9A  
Bulb: Spot: H7935-1, 50 Watt, 175,000 CP; Volts / Amps: 12V / 3.9A  
Bulb: Trapezoid: H4651, 50 Watt, 55,000 CP; Volts / Amps: 12V / 3.9A



## RECTANGULAR HALOGEN WORK LAMP

Available in trapezoid, spot and flood beam patterns • Rugged corrosion- and shock- resistant construction • For versatile application needs such as tractor, utility, fifth wheel, or off-road

- |                |           |           |
|----------------|-----------|-----------|
| <b>63151-5</b> | Flood     | RETAIL    |
| <b>63161-5</b> | Spot      | RETAIL    |
| <b>63171-5</b> | Trapezoid | RETAIL    |
| <b>63241-5</b> | Flood     | 24 RETAIL |

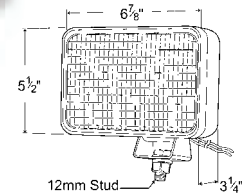
Material: Nylon  
Finish: Black  
Bulb: 12-Volt - H3, 55 Watt, 121 CP; Volts / Amps: 12V / 4.7A  
Bulb: 24-Volt - H3, 70 Watt, 146 CP; Volts / Amps: 24V / 2.7A  
Accessory: Bulb: 12V 90861-5/90971-5, 24V 91051

## LARGE RECTANGULAR HALOGEN WORK LAMP

Rugged corrosion and shock-resistant construction • Trapezoid, spot, and flood versions • For heavy or light duty • Versatile design suitable for applications such as tractor, utility, fifth-wheel, or off-road

- 63181-5 Flood RETAIL
- 63191-5 Spot RETAIL
- 63201-5 Trapezoid RETAIL
- 63251-5 Flood 24 RETAIL

Material: Nylon  
 Finish: Black  
 Bulb: 12-Volt: H3, 55 Watt, 121 CP; Volts / Amps: 12V / 4.7A  
 Bulb: 24-Volt - H3, 70 Watt, 146 CP; Volts / Amps: 24V / 2.7A  
 Accessory: Bulb: 12V 90861-5/90971-5, 24V 91051

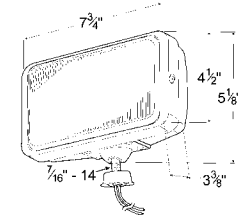


## 7" RECTANGULAR OFF-ROAD LAMP

Rugged steel housing • Universal swivel mounting bolt

- 64541-5 Black RETAIL

Material: Steel  
 Finish: Chrome, Black  
 Bulb: H3, 100 Watt, 192 CP; Volts / Amps: 12V / 8.33A  
 Accessory: Bulb: 92701-5  
 Lens: Clear 93151

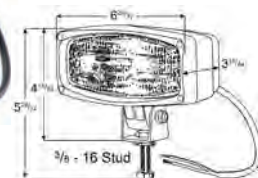


## TWIN-BEAM HALOGEN WORK LAMP

Reinforced nylon housing for strength and durability • Hardened-glass lens resists breakage from road hazards • Complies with SAE J575e vibration and corrosion standards

- 64901 Flood

Material: Nylon, Glass  
 Finish: Black  
 Bulb: H3 (x 2); Volts / Amps: 12V / 9.4A, 55 Watt  
 Accessory: Bulb: 90861-5, 90971-5



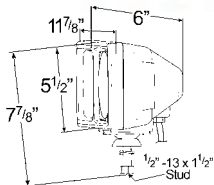


# Forward Lighting

Phares Utilitaires Faros Delanteros



64291-4



## PER-LUX® SNOWPLOW LAMPS

Resilient, polycarbonate housing and halogen sealed beam withstands hours of use at sub-zero temperatures • Features integrated parking and turn signal lights • Rubber shock mount and center mounting stud absorbs road shock • Optional 5-way Packard® Connector

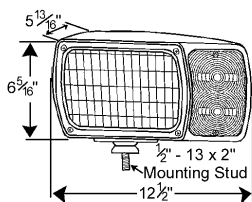
### SEALED BEAM:

- 64261-4 Pair Pack
- 64241 LH
- 64251 RH

### SEALED BEAM WITH CONNECTOR:

- 64291-4 Pair Pack
- 64271 LH
- 64281 RH

Material: Polycarbonate  
 FMVSS: H, I2, P  
 Finish: Black  
 Bulb: H6545, Major - 65 Watt, 40,000 C.P./Minor - 45 Watt, 25,000 CP  
 Volts / Amps: 12V / 5.0/3.5A  
 Bulb: 1157, 32/3 CP; Volts / Amps: 12V / 2.1/.59A; Pigtail: 68680 (64291-4)  
 Lens: Yellow 90483



## SNOWPLOW LAMP KIT WITH UNIVERSAL WIRING HARNESS

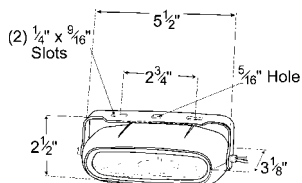
Integrated turn signal/parking lamp lens • Vibration-dampening mounting system prolongs bulb life • Kit includes left and right side lamps, heavy-duty selector switch, wiring connectors, mounting hardware, and easy installation instructions

- 63451-4 Pair Pack

### REPLACEMENT LAMP:

- 63381 LH
- 63391 RH

Material: Polycarbonate  
 FMVSS: H, I2, P  
 Finish: Black  
 Bulb: H6054, Major - 65 Watt/Minor - 35 Watt; Volts / Amps: 12V / 5/2.7A  
 Bulb: 1157, 32/2 CP; Volts / Amps: 12V / 2.1/.59A  
 Bulb: 1156, 32 CP; Volts / Amps: 12V / 2.1A  
 Lens: Yellow 93163



## SLIM-LINE HALOGEN FOG LIGHTS

Housing made of die-cast aluminum • Ion coated lens • Kit includes lamps, switch, wiring, and instructions • Not compliant for FMCSA 393.24(b) applications

- 64371-5 Clear, Fog Lamp Kit **FOG** **RETAIL**

Material: Die-Cast Aluminum  
 FMVSS: F  
 Finish: Black  
 Bulb: H3, 55 Watt, 121 CP; Volts / Amps: 12V / 4.7A  
 Accessory: Bulb: 90861-5/90971-5  
 Lens: Clear 93131

## MINI HALOGEN FOG AND DRIVING LAMP KIT

Low-profile styling • High-impact nylon housing • Kit includes lamps, rocker switch and installation kit • Not compliant for FMCSA 393.24(b) applications

**64061-5** Clear, Driving Lamp Kit **FOG RETAIL**

Material: Nylon  
 Finish: Black  
 Bulb: H3, 55 Watt, 121 CP  
 Volts / Amps: 12V / 4.7A  
 Accessory: Bulb: 90861-5/90971-5

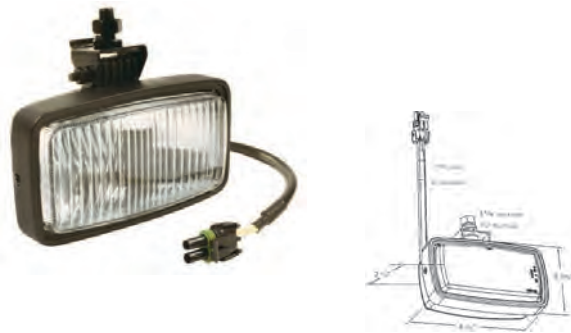


## HALOGEN FOG LAMP

Glass lens resists hazing • Aluminized reflector for increased brightness  
 • Black powder coated hardware • Industry-standard electrical connector  
 • Watertight design on the front of the lamp • Meets FMCSA 393.25 (b)

**63531** Black **FOG**

Material: Glass/Plastic Housing  
 FMVSS: F  
 Finish: Black  
 Bulb: H3, 55 Watt, 121 CP  
 Volts / Amps: 12V / 4.7A



## SPORT AND UTILITY LAMP KIT

Rugged, high-impact plastic construction • Hardened glass lens  
 • Mounts above or below bumper • Kit includes lamps, rocker switch and installation kit • Meets FMCSA 393.25(b) applications

**64351-5** Clear, Fog Lamp Kit **FOG RETAIL**

**64401-5** Clear, Driving Lamp Kit **RETAIL**

Material: ABS  
 Finish: Clear  
 Bulb: H3, 55 Watt, 121 CP  
 Volts / Amps: 12V / 4.7A  
 Accessory: Bulb: 90861-5/90971-5



## PAR 56 7" HEADLAMP

7-inch headlamp • Includes sealed beam #6014 for 12-volt systems  
 • Ideal for many trucks, road maintenance vehicles, off-road equipment, in-plant vehicles, material handling trucks, mine cars, dune buggies, etc.

**64071** Black, Powder Coated

Material: Steel  
 Finish: Black  
 Bulb: 6014, PAR 56, 50 Watt/60 Watt, 25,000/32,000 CP  
 Volts / Amps: 12V / 4.7/3.9A



## ROUND OFF-ROAD LAMP

Rugged steel housing • Universal-swivel, rubber-cushioned mounting pedestal

**64481-5** Black **RETAIL**

**64501-5** Chrome **RETAIL**

Material: Steel  
 FMVSS: O  
 Finish: Chrome, Black  
 Bulb: H3, 100 Watt, 192 CP; Volts / Amps: 12V / 8.33A  
 Accessory: Bulb: 92701-5  
 Lens: Clear 93171



# Forward Lighting

Phares Utilitaires Faros Delanteros

**per-lux**  
BY  
**Grote**



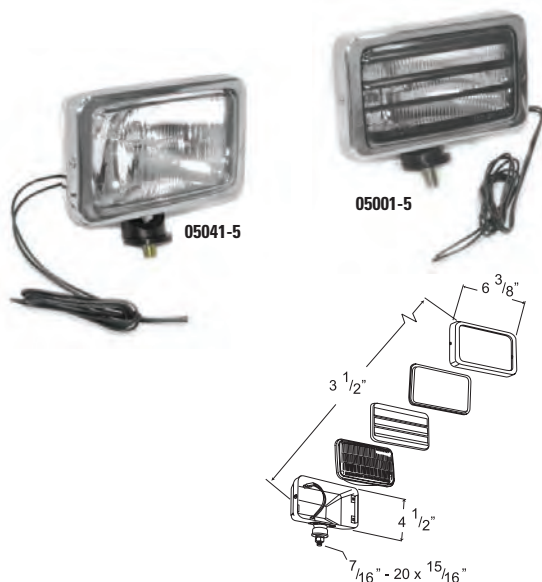
## PER-LUX® 200 SERIES FOG AND DRIVING LAMPS

Louvers direct the beam low to the road so reflected glare from fog, rain, or snow is safely avoided • Pierces 100 feet through the densest fog • Rugged stainless steel housing

### HALOGEN:

**02001-4** Clear, Fog / Driving Lamp, Swivel Mount, Pair Pack **FOG**

Material: Stainless-Steel  
Finish: Stainless  
Bulb: H7621-1, 20,000 CP  
Volts / Amps: 12V / 3.9A; 50 Watt  
Accessory: Springs for Sealed Beam Ret. For Swivel Mount Lamps 09510 (pair pack);  
Lens: Clear Glass 09561



## PER-LUX® 500 SERIES FOG AND DRIVING LAMPS

Pair Packs include wiring kits • All lamps come with swivel mount • Fog lamp beam pattern pierces through fog, rain, snow, or dust effectively, focused ahead and low to the road, and giving a side-to-side as well as forward illumination

### HALOGEN:

**05001-5** All Weather Louvered, H9421, Pair Pack, Stainless Steel **RETAIL**  
**05151** All Weather Louvered, H9421, Single, Stainless Steel  
**05301-5** All Weather Louvered, H9421, Pair Pack, Powder Coated **RETAIL**  
**05041-5** Driving Lights, H9420, Pair Pack, Stainless Steel **RETAIL**  
**05051-5** Fog Lamps, H9415, Pair Pack, Stainless Steel **FOG RETAIL**

Material: Stainless Steel  
Finish: Stainless / Powder Coat  
Bulb: H9421 - 14,000 CP; Volts / Amps: 12V / 3.9A; 50 Watt  
Bulb: H9420 - 47,000 CP; Volts / Amps: 12V / 3.9A; 50 Watt  
Bulb: H9415 - 12,000 CP; Volts / Amps: 12V / 2.9A; 37.5 Watt  
Accessory: Springs for Sealed Beam 09510; Black Louver 09712  
Lens: Glass Lens Clear 09681  
Sealed Beam: All-Weather, Halogen, Sealed Beam Clear H9421  
Fog Lamp, Halogen, Sealed Beam Clear H9415



## PER-LUX® 600 SERIES FOG AND DRIVING LAMPS

Louvers direct the beam low to the road so reflected glare from fog, rain or snow is safely avoided • Pierces 100 feet through the densest fog • Rugged stainless steel housing • Pair packs come with wiring kits • Meets FMCSA 393.25(b) applications (except 06001-4 & 06013-4)

### INCANDESCENT

**06021-4** Clear, All-Weather Lamp, Swivel Mount, Pair Pack **FOG**

### HALOGEN:

**06001-4** Clear, All-Weather Lamp, Swivel Mount, Pair Pack  
**06201** Clear, All-Weather Lamp, Swivel Mount  
**06013-4** Yellow, All-Weather Lamp, Swivel Mount, Pair Pack

Material: Stainless Steel  
Finish: Stainless  
Bulb: #H7921-1, 23,900 CP; Volts / Amps: 12V / 3.9A; 50 Watt  
Bulb: #4921-1, 25,000 CP; Volts / Amps: 12V / 7.7A; 100 Watt  
Accessory: Black Louver 09802  
Lens: Clear, Glass 09781; Yellow, Glass 09793  
Sealed Beam: Clear, All-Weather, Incandescent 4921-1; Clear, All-Weather, Halogen 6006H

**PER-LUX® 700 SERIES FOG AND DRIVING LAMPS**

Fog lamp beam pattern pierces through fog, rain, snow or dust effectively, focused ahead and low to the road giving side-to-side as well as forward illumination • Off-road spot lamps provide pure focused light that pierces far into the night for long distance viewing of a specific area, great for off-road and 4-wheel-drive applications • Off-road wide flood lamp applications provide wide illumination for RVs, motor-homes, tractors, utility, and off-road construction great for backing, loading, fueling, or troubleshooting

- Rugged stainless steel housing
- Pair packs come with wiring kit
- Meets FMCSA 393.25(b)- (except 07021-4 & 07031-4)

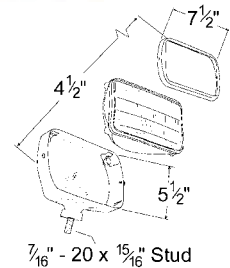
**INCANDESCENT:**

- 07001-4** Clear, All-Weather Lamp, Swivel Mount, Pair Pack **FOG**
- 07401** Clear, Fog Lamp, Rigid Mount **FOG**

**HALOGEN:**

- 07021-4** Clear, Spot Lamp, Swivel Mount, Pair Pack
- 07031-4** Clear, Wide Flood Lamp, Swivel Mount, Pair Pack

Material: Stainless Steel  
 FMVSS: Street Legal (except for 07021-4, 07031-4)  
 Finish: Stainless  
 Bulb: #4912-1, 14,000 CP; Volts / Amps: 12V / 3.9A; 50 Watt  
 Bulb: #H7935-1, 175,000 CP; Volts / Amps: 12V / 3.9A; 50 Watt  
 Bulb: #H7921-1, 23,900 CP; Volts / Amps: 12V / 3.9A; 50 Watt  
 Sealed Beam: Clear, Fog, Incandescent 4912-1;  
 Clear, Flood, Incandescent 4913-1;  
 Clear, Utility, Incandescent 4919-1;  
 Clear, Spot, Halogen H7935-1



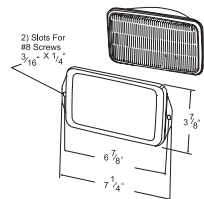
**PER-LUX® DOCKING LIGHT**

Flush mounted • Multi-purpose docking/utility light

**HALOGEN:**

- 07803** Lamp w/ Stainless Steel Bezel

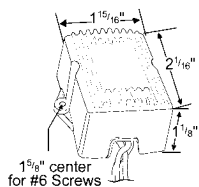
Material: Stainless Steel  
 Finish: Stainless  
 Bulb: H9406, 1,350CP  
 Volts / Amps: 12V / 3.9A; 50 Watt





# Forward Lighting

Phares Utilitaires Faros Delanteros

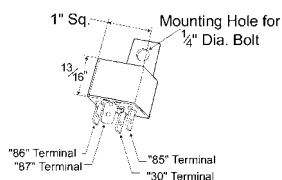


## BASIC DAYTIME RUNNING LAMP MODULE

Simple daytime running lamp module activates the vehicle's low beam any time the ignition is on • Easy-to-install • Solid-state, fully potted electronics • Not compatible with negative activated head lamp systems

**44040** DRL Module

Material: Anodized Aluminum  
Finish: Black  
Volts / Amps: 12 V / 110 Watt max

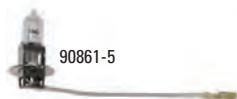


## FOG AND DRIVING LAMP RELAY

30 AMP relay • Guards against arcing and overloads

**44840-5** RETAIL

Volts / Amps: 12 V / 30A max



90861-5



90630



90971-5



92701-5



90620

## REPLACEMENT 12-VOLT HALOGEN BULBS

Replacement bulb for auxiliary lights

**90861-5** 55 Watt, Bullet Terminal

RETAIL

**90971-5** 55 Watt, Spade Terminal

RETAIL

**92701-5** 100 Watt, Spade Terminal

RETAIL

**90630** Replacement Capsule Bulb, Submersible Applications

**90620** 55 Watt, High Output

Bulb: 90861-5, 90971-5 - H3, 55 Watt, 121 CP; Volts / Amps: 12V / 4.7A

Bulb: 92701-5 - H3, 100 Watt, 187 CP; Volts / Amps: 12V / 7A

Bulb: 90630- Volts / Amps: 12V / 5.2A

Bulb: 90620- H1, 55 Watt, 121 CP; Volts / Amps: 12V / 5.2A



91051



90901

## REPLACEMENT 24-VOLT HALOGEN BULBS

**91051** 70 Watt, Spade Terminal

24 VOLT

**90901** 50 Watt, Standard Socket

24 VOLT

Bulb: 91051 - H3, 70 Watt, 135 CP; Volts / Amps: 24V / 2.7A

Bulb: 90901 - 50 Watt; Volts / Amps: 24V / 2A

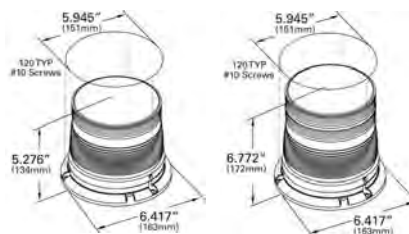
## CLASS I LED BEACON

Class I LED beacon is designed to provide optimal lighting for all application needs

- Available in low or high dome options and 12 volt or 24 volt models
- LED technology benefits also include low power draw and reduced on-going maintenance costs and downtime
- Permanent Mount

- 76253**    Yellow, Low Profile **NEW**
- 76263**    Yellow, Low Profile **24 VOLT NEW**
- 77953**    Yellow, High Profile **NEW**
- 77963**    Yellow, High Profile **24 VOLT NEW**

Class: I  
 Material: Polycarbonate  
 SAE: J845  
 Finish: Yellow  
 Volts / Amps: 12V / .5A/1A max  
 Volts / Amps: 24V / .2A/.5A max



## MEDIUM PROFILE CLASS II LED STROBE

Rated life of LED strobes is up to 50 times longer than standard strobes

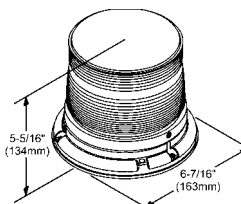
- SignalAlert™ provides greater visibility by creating a varied flash pattern vs standard strobes with a consistent flash pattern
- LED beacon design internally houses the flash control eliminating the need for an external power supply or ballast
- Scan-Lock® flash pattern allows the user to manually select from 14 permanent flash patterns

- 77811**    Clear
- 77813**    Yellow

**MAGNET MOUNT WITH CIGARETTE LIGHTER ADAPTER:**

- 77823**    Yellow

Class: II  
 Material: Polycarbonate  
 SAE: J845  
 Finish: Clear/ Yellow  
 Volts / Amps: 12V / .65A max  
 Lens: Yellow 93733



## HIGH PROFILE CLASS II LED STROBE

Rated life of LED strobes is up to 50 times longer than standard strobes

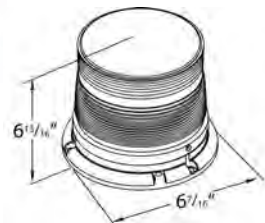
- SignalAlert™ provides greater visibility by creating a varied flash pattern as opposed to standard strobes with a consistent flash pattern
- Scan-Lock™ flash pattern allows the user to manually select the permanent flash pattern, 14 to choose from
- LED Beacon design internally houses the flash control so there is no need for an external power supply or ballast

- 77833**    Yellow

**MAGNET MOUNT WITH CIGARETTE LIGHTER ADAPTER:**

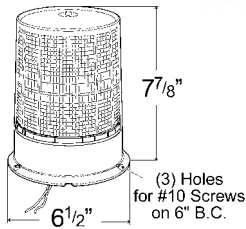
- 77843**    Yellow

Class: II  
 Material: Polycarbonate  
 SAE: J845  
 Finish: Yellow  
 Volts / Amps: 12V / .65A max  
 Lens: Yellow 93743



# Warning and Hazard

Gyrophares et Feux d'Avertissement Lámparas de advertencia y precaución



## HIGH PROFILE HIGH-INTENSITY SMART STROBE®

Rugged die-cast base specifically designed for vibration resistance and heat dissipation • Optional: clear lens, dust cover • Two mounting options: external and 1" pipe • Field selectable double or quad flash and intensity • Flashes per minute: Class I 80 / 65 Double / Quad; Class II 65 / 60 Double / Quad • Thread-on lens • Smart Strobe® flash automatically adjusts for day or night work conditions • LED Indicator alert for flash tube failure on 7767X Class I strobes

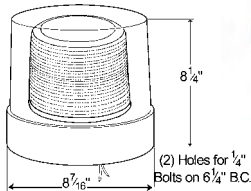
### CLASS I:

**77671** Clear **MULTI**  
**77673** Yellow **MULTI**

### CLASS II

**77732** Red **MULTI**  
**77733** Yellow **MULTI**  
**77735** Blue **MULTI**

Class I or II  
 Material: Die-Cast Aluminum/Polycarbonate  
 SAE: J1318  
 Finish: Clear / Red / Yellow / Blue  
 Volts / Amps: 12V - 24V / 2.3-2.9A at 12V  
 Accessory: Flash Tube: 92970; Branch Guard: 99490  
 Lens: Clear 93001, 93002 Red, Yellow 93003, Blue 93005; Dust Cover: Clear 93701



## HIGH PROFILE SMART STROBE® LAMP

Die-cast aluminum base with a smooth surface outer dome that protects the inner lens • Field selectable double or quad flash settings • Voltage spike and surge-protected • Seven support points of contact on the circuit board mounting reduce the damage caused by vibration • Ideal for light- and heavy-duty applications • Field replaceable flash tube • Smart Strobe® automatically adjusts intensity based on ambient lighting

**77453** Yellow **MULTI**

Class: II  
 Material: Polycarbonate  
 SAE: J845  
 Finish: Silver  
 Volts / Amps: 12V / 2.1A High Intensity Mode  
 Volts / Amps: 12V / 1.6A Low Intensity Mode  
 Volts / Amps: 24V / 1.0A High Intensity Mode  
 Volts / Amps: 24V / .8A Low Intensity Mode  
 Accessory: Flash Tube: 92970; Lens: Interior: Yellow 92993, Exterior: Clear 90191

## MEDIUM PROFILE CLASS I & II HEAVY-DUTY STROBE

Popular with school buses and construction equipment • Two mounting options: external and 1" pipe • Field selectable double or quad flash and intensity • Epoxy version has a potted circuit board for added protection against vehicle vibration and road shock • Smart Strobe® flash intensity automatically adjusts for day and night working conditions • Thread-on lens • Joules: Class I 15/20; Class I, Smart Strobe 10/20; Class II 8/17 • Flashes per minute: Class I 65/80; Class II 60/65 • Class I strobes have an LED indicator for flash tube failure (does not apply to Class II heavy duty lamps)

### CLASS I, SMART STROBE®:

<b>77633</b>	Yellow	<b>MULTI</b>
<b>77635</b>	Blue	<b>MULTI</b>

### CLASS I:

<b>77611</b>	Clear	<b>MULTI</b>
<b>77612</b>	Red	<b>MULTI</b>
<b>77613</b>	Yellow	<b>MULTI</b>
<b>77615</b>	Blue	<b>MULTI</b>

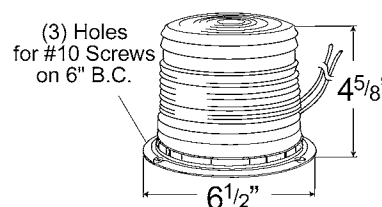
### CLASS II, EPOXY BASE:

<b>77623</b>	Yellow	<b>MULTI</b>
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### CLASS II, HEAVY DUTY:

<b>77693</b>	Yellow	<b>MULTI</b>
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Class: Class I / Class II  
 Material: Die-cast Aluminum/Polycarbonate  
 SAE: J1318  
 Finish: Clear / Yellow  
 Volts / Amps: 12V - 24V / 2.3A - 2.9A at 12V  
 Accessory: Flash Tube: 92970; Branch Guard: 43910  
 Lens: Clear 92991, Red 92992, Yellow 92993, Blue 92995; Dust Cover: Clear 93691

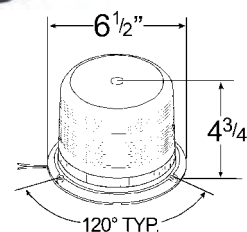


## MEDIUM PROFILE CLASS II STROBE

Three wire leads allow user to choose double flash or quad flash • Field replaceable flash tube • Heavy duty epoxy-filled, reinforced nylon base • UV stabilized polycarbonate thread-on lens allows user to change the flash tube without tools • Voltage-spike and surge-protected • 80 (double) or 65 (quad) flashes per minute

<b>77583</b>	Yellow	<b>MULTI</b>
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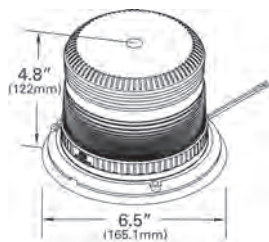
Class: II  
 Material: Glass Filled Nylon/Polycarbonate  
 SAE: J1318  
 Finish: Yellow  
 Bulb: 12V - 48V  
 Volts / Amps: 12V / 1.5A  
 Accessory: Flash Tube: 92970  
 Lens: Yellow 92993, Blue 92995, Dust Cover 93691





# Warning and Hazard

Gyrophares et Feux d'Avertissement Lámparas de advertencia y precaución

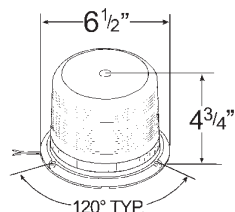


## COMPACT LOW PROFILE STROBE

Compact low profile strobe • Double flash • Magnetic mount • UV-stabilized polycarbonate thread-on lens allows user to change the flash tube without tools • Reverse polarity, voltage, and surge protected • Seven support points provide easy and shock-resistant mounting • Designed for mounting in areas where a compact profile is required

<b>77321</b>	Clear	<b>MULTI</b>	<b>NEW</b>
<b>77323</b>	Yellow	<b>MULTI</b>	<b>NEW</b>
<b>77325</b>	Blue	<b>MULTI</b>	<b>NEW</b>

Class: II  
Material: Polycarbonate  
SAE: J1318  
Finish: Clear / Yellow / Blue / Black  
Volts / Amps: 12V - 48V / 1.5A at 12V  
Accessory: Flash Tube: 92970  
Lens: Yellow 92993; Dust Cover: Clear 93691

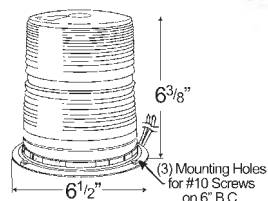


## MEDIUM PROFILE CLASS II PLASTIC BASE STROBE

Frensel lens provides 360° coverage • Includes 1" pipe-mount and flange-mount • Choose double or quad flash • 7 joules (double), 10 joules (quad) • 80 (double) or 65 (quad) flashes per minute • Reverse polarity, voltage, and surge protected

<b>77123</b>	Yellow	<b>MULTI</b>
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Class: II  
Material: Polycarbonate  
SAE: J1318  
Volts / Amps: 12V - 48 V / 1.5A at 12 V  
Accessory: Flash Tube: 92970  
Lens: Yellow 92993; Dust Cover: Clear 93691



## HIGH PROFILE CLASS I & II STROBE

Popular for maintenance and utility vehicles • Rugged, coated die-cast base • Two mounting options: external and 1" pipe • Joules: Class I, 15/20; Class I, Smart Strobe® 10/20; Class II 8/17 • Flashes per minute: Class I 65/80; Class II 60/65 • Smart Strobe® flash automatically adjusts for day or night work conditions • Thread-on lens • Class I strobes has an LED alert for flash tube failure (does not apply to Class II heavy duty lamps) • Epoxy version has a potted circuit board for added protection against vehicle vibration and road shock • Field selectable double or quad flash and intensity

### CLASS I, SMART STROBE®:

<b>77653</b>	Yellow	<b>MULTI</b>
<b>77655</b>	Blue	<b>MULTI</b>

### CLASS I:

<b>77643</b>	Yellow	<b>MULTI</b>
<b>77645</b>	Blue	<b>MULTI</b>

### CLASS II, HEAVY DUTY:

<b>77713</b>	Yellow	<b>MULTI</b>
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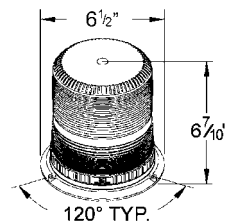
Material: Die-Cast Aluminum/Polycarbonate  
SAE: J1318  
Finish: Clear / Red / Yellow / Blue  
Volts / Amps: 12V - 24V / 2.3A - 2.9A at 12V  
Accessory: Flash Tube: 92970; Branch Guard: 43550  
Lens: Clear 93001, Red 93002, Yellow 93003, Blue 93005; Dust Cover: Clear 93701

## HIGH PROFILE CLASS II PLASTIC-BASE STROBE

Includes 1" pipe-mount and flange-mount • Choose double or quad flash  
 • Reverse polarity, voltage, and surge protected • 80 flashes per minute (double), 65 flashes per minute (quad)

- 77133**    Yellow    **MULTI**
- 77593**    Yellow, Epoxy Base    **MULTI**

Class: II  
 Material: Polycarbonate  
 SAE: J1318  
 Finish: Yellow  
 Volts / Amps: 12V - 48V (DC) / 2.3A max  
 Accessory: Flash Tube: 92970  
 Lens: Yellow 93003; Dust Cover: Clear 93701



## MIGHTY MINI LED STROBE

Rated life of LED strobes is up to 100 times longer than standard strobes  
 • SignalAlert™ provides greater visibility by creating a varied flash pattern (vs. standard strobes with a consistent flash pattern) • Exclusive side-emitting LED technology rivals standard strobe intensity with a single super LED diode • LED beacon design internally houses the flash control eliminating the need for an external power supply or ballast • 90 flashes per minute

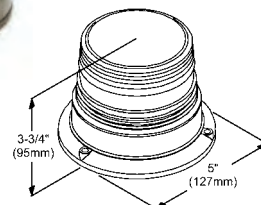
**PERMANENT MOUNT:**

- 77473**    Yellow

**MAGNET MOUNT WITH CIGARETTE LIGHTER ADAPTER:**

- 77483**    Yellow

Class: III  
 Material: Polycarbonate  
 Finish: Yellow  
 Volts / Amps: 12V / .15A  
 Lens: Yellow 93723



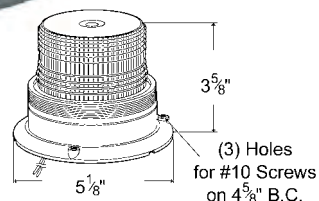
## MIGHTY MINI STROBE

Rugged fiberglass-filled nylon base and polycarbonate lens • Wide voltage operating range • Field replaceable lens and flash tube • Thread-on lens  
 • 80 flashes per minute; 1.5 joules • Reverse polarity and voltage spike protected

**SINGLE FLASH:**

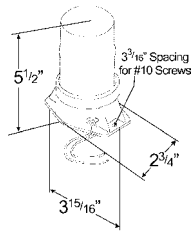
- 77101**    Clear    **MULTI**
- 77102**    Red    **MULTI**
- 77103**    Yellow    **MULTI**
- 77105**    Blue    **MULTI**

Material: ABS/Polycarbonate  
 Finish: Clear / Red / Yellow / Blue  
 Volts / Amps: 11V - 110 V / .25 A at 12V  
 Accessory: Flash Tube: 92980  
 Lens: Red 92032, Yellow 92033, Blue 92035, Clear 92031



# Warning and Hazard

Gyrophares et Feux d'Avertissement   Lámparas de advertencia y precaución



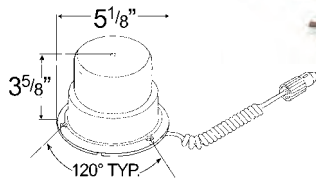
## MATERIAL HANDLING STROBE

Electronics sealed in epoxy to protect against dust, moisture and vibration

- Thread-on lens for easy maintenance
- Field replaceable flash tube
- Meets UL 583 and SAE J1381
- 80 flashes per minute (single flash)
- 2 joules per flash

<b>77012</b>	Red	<b>MULTI</b>
<b>77013</b>	Yellow	<b>MULTI</b>
<b>77015</b>	Blue	<b>MULTI</b>

Material: Nylon/Polycarbonate  
 Finish: Red / Yellow / Blue  
 Volts / Amps: 12V - 110V / .6A at 12V  
 Accessory: Flash Tube: 92960  
 Lens: Yellow 93013, Blue 93015

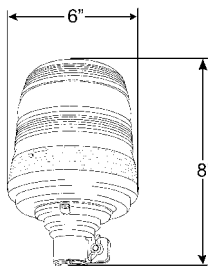


## ECONOMY MATERIAL HANDLING STROBE

Thread-on lens for easy maintenance • Polycarbonate lens and fiberglass-filled nylon base • Reverse polarity and voltage spike protected • 45 lbs. pull magnet for temporary mounting with 12' adapter plug • 1.5 joules per flash, 70 flashes per minute (single flash) • Replaceable flash tube • Removable 1/2 hood included

<b>77203</b>	Yellow	<b>MULTI</b>
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Material: Polycarbonate  
 Finish: Yellow  
 Volts / Amps: 12V - 80V / .3A at 12V  
 Accessory: Flash Tube: 92980  
 Lens: Yellow 92033



## FLEXIBLE-BASE STROBE LAMP

DIN fixing allows product to be quickly installed or moved with use of mounting stems • 75 flashes per minute (double flash), 7 joules • Flexible rubber stem allows for 30° angle deflection • Shock-absorbing features make this lamp suitable in rugged applications, such as on forestry, agricultural and industrial vehicles • Robust polycarbonate thread-on lens is secured with a single set-screw • Corrosion-resistant materials • Mounting stems ordered separately

<b>76963</b>	Yellow	<b>MULTI</b>
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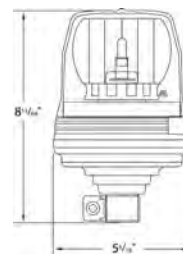
Class: II  
 Material: Polycarbonate  
 Finish: Yellow  
 Volts / Amps: 12V - 48V (DC) / 1.5A  
 Accessory: Flash Tube: 92970  
 Lens: Yellow 93383  
 Mounting Brackets: Stem - 43665

## STEALTH LOW-PROFILE STROBE LIGHT

Durable belt drive rotator • 160 flashes per minute • Thread-on lens is secured quickly with a single screw • Quick-connect base allows for easy installation and removal

**76493** Yellow

Class: I  
Material: ABS/Polycarbonate  
SAE: J845  
Finish: Yellow  
Bulb: H1, 55 Watt  
Volts / Amps: 12V / 5.2A  
Accessory: Flash Tube: 90620;  
Mounting Brackets: Stem - 43665



## 360° PORTABLE BATTERY OPERATED LED WARNING LIGHT

24 ultra-bright LEDs help conserve battery life • 300 - 400 hours of operation on two D batteries (not included) • 60 triple flashes per minute • Strong magnet base holds lamp in place on a metal surface • Photocell adjust intensity for low light situation

**77912** Red  
**77913** Yellow

Material: Nylon/Polycarbonate  
Finish: Red/Yellow  
Bracket: 96010

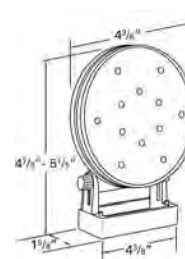


## DIRECTIONAL, PORTABLE, BATTERY-OPERATED LED WARNING LIGHT

Push button operation • 72 hours of operation on two AA batteries (not included) • Includes a magnetic base and is adjustable 180° • Additional reflective lens as added safety feature • 3 user-selectable flash patterns

**77923** Yellow

Material: Nylon / Polycarbonate  
Finish: Yellow

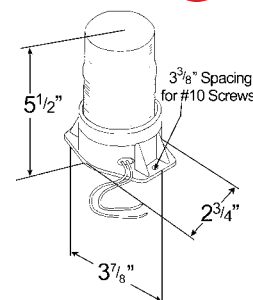


## LED MATERIAL HANDLING STROBE

LEDs use 1/4 the power of a standard strobe, putting less drain on batteries and other power sources • LEDs are a long life, reduced cost solution to frequent replacement of flash tubes • Electronics are fully potted to provide protection against the elements and vibration • 60 flashes per minute • Dual LEDs provide extra visibility • Single flash pattern

**77443** Yellow

Material: Polycarbonate  
Finish: Yellow  
Volts / Amps: 12V / .13A - 1.5 Watt

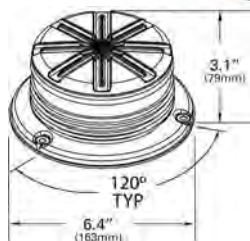




# Warning and Hazard

Gyrophares et Feux d'Avertissement Lámparas de advertencia y precaución

LED



## LOW PROFILE CLASS I LED BEACON

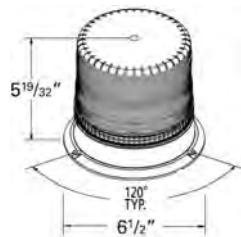
Eight 3-watt LED's and a parabolic reflector produce an SAE Class I light output product • Unique flash pattern increases visibility to the human eye  
 • Overhead heat sink design allows for a very low profile pipe mounted solution when flange is removed • Meets SAE J845 Class I • Temperature range: -22°F to +122°F (-30°C to +50°C)

<b>76661</b>	Clear
<b>76663</b>	Yellow
<b>76665</b>	Blue
<b>76671</b>	Clear, Vacuum Mount
<b>76673</b>	Yellow, Vacuum Mount
<b>76675</b>	Blue, Vacuum Mount



Class: Class I  
 Material: Glass-Filled Nylon/Polycarbonate  
 SAE: J845  
 Finish: Yellow / Blue / Clear / Black  
 Volts / Amps: 12V - 36V / 1A

LED



## LED CLASS I BEACON

Eight 3-watt LEDs provide unrivaled flash intensity • Double (80) or quad (65) flash operation with hi/lo intensity control • Designed for vibration resistance and heat dispersion • Die-cast aluminum base is coated against corrosion • Thread-on polycarbonate lens allows for easy "no-tool" pattern selection • Reverse polarity, voltage spike and surge protected • 12V to 24V operation spread

<b>77873</b>	Yellow	MULTI
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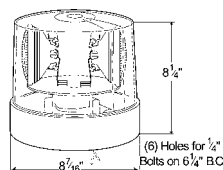
Class: I  
 Material: Aluminum/Polycarbonate  
 SAE: J845  
 Finish: Yellow  
 Volts / Amps: 12V - 24V / 3.7A

## TWO SEALED-BEAM ROTO-BEACON

Clutched gear box is sealed and permanently lubricated • Revolves 360°, 60-120 flashes per minute

<b>76223</b>	Yellow
<b>76333</b>	Yellow w/ Polycarbonate Lens

Class: I: Red, Yellow; II : Blue  
 Material: Stainless Steel/ Aluminum/Acrylic/ Polycarbonate  
 Finish: Red / Yellow / Blue  
 Bulb: 7400 SB, 33,000 CP  
 Volts / Amps: 12V / 5.9A  
 Bracket: 76121  
 Lens: Yellow 90373; Polycarbonate: Yellow 91323

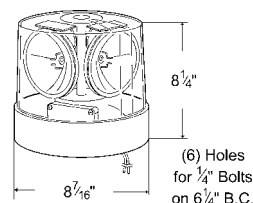


## COMPACT FOUR SEALED-BEAM ROTO-BEACON

Clutched gear box design and "suitcase" latch design • Permanently lubricated, sealed gear box • Revolves 360°, 60-120 flashes per minute

**76203** Yellow

Class: I - Yellow  
 Material: Stainless Steel/Aluminum/Acrylic  
 SAE: J845 & W  
 Finish: Yellow  
 Bulb: 7400 SB, 33,000 CP  
 Volts / Amps: 12V / 11.7A  
 Accessory: Branch Guard: Black 99490  
 Bracket: 76121  
 Lens: Red 90372, Yellow 90373, Blue 90375, Clear 90371;  
 Polycarbonate: Yellow 91323



## ROTATING BEACON LIGHT

Self-lubricating, heavy-duty motor and gear assembly • Thread-on lens for easy maintenance • Durable, three-point rotating assembly dissipates shock • Non-corrosive base • 50 Watt halogen bulb; 100 flashes per minute • Permanent mount hardware included

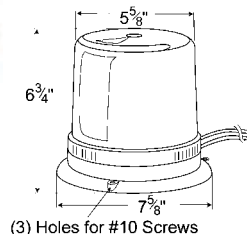
### PERMANENT MOUNT:

**76462** Red  
**76463** Yellow

### VACUUM MOUNT:

**76483** Yellow

Class: I  
 Material: Polycarbonate  
 SAE: J845  
 Finish: Red, Yellow  
 Bulb: 795, 50 Watt  
 Volts / Amps: 12V / 4.25A  
 Accessory: Bulb: 90900; Motor: Gear Driven 99260  
 Lens: Yellow 92833



## ECONOLITE WITH REVOLVING REFLECTOR

Single 50 CP bulb with rotating parabolic reflector • Compact economy model • 90 - 100 flashes per minute • Separate round steel mounting plate

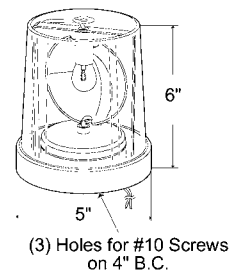
### PERMANENT MOUNT:

**76163** Yellow

### MAGNET MOUNT WITH CIGARETTE LIGHTER ADAPTER:

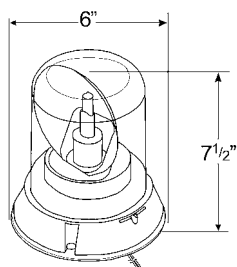
**76183** Yellow w/ 10' cord

Class: III  
 Material: Stainless Steel/Acrylic  
 Finish: Red / Yellow / Blue  
 Bulb: 1295, 50 CP  
 Volts / Amps: 12V / 3.3A  
 Lens: Yellow 90383



# Warning and Hazard

Gyrophares et Feux d'Avertissement   Lámparas de advertencia y precaución



## BELT DRIVE ROTATING BEACON

Flush-mount European-style beacon • E-mark approval • Belt drive with stainless steel bearings • 160 flashes per minute • Thread-on lens, quickly secured with a single screw • Magnet mount versions include 15' coiled cord w/lighter plug

### PERMANENT MOUNT:

**76043** Yellow  
**76063** Yellow **24 VOLT**

### MAGNETIC MOUNT W/ 15' SWITCHED LIGHTER PLUG CORD:

**76053** Yellow

Class: I  
 Material: Polycarbonate  
 Finish: Yellow  
 Bulb: H1, 55 Watt (90620)  
 Volts / Amps: 12V / 5.2A  
 Bulb: H1, 70 Watt (91051)  
 Volts / Amps: 24V / 2.4A

LED



## ROTOLED™ CLASS I LED HYBRID BEACON

High intensity LEDs in a rotating warning device with no gears, brushes or bulbs to wear out • Eight – 3 watt LED's with TIR optics produce an exceptionally bright warning device • SAE J845 Class I (Amber and Clear/Blue)  
 • Temperature range: -22°F to +122°F (-30°C to +50°C) • Polycarbonate lens with UV hard coating – reduces cracking/hazing/fading

**76683** Yellow  
**76685** Blue  
**76693** Yellow, Vacuum Mount  
**76695** Blue, Vacuum Mount

**MULTI NEW**  
**MULTI NEW**  
**MULTI NEW**  
**MULTI NEW**

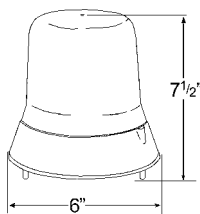
Class: Class I (Yellow and Blue)  
 Material: Polycarbonate  
 SAE: J845 (Amber and Clear/Blue)  
 Volts / Amps: 12V - 24V / 1.7A  
 Bracket: 3-bolt Flange/1" Pipe (76683, 76685)

## LOW-PROFILE BELT DRIVE REVOLVING BEACON

Durable belt-drive rotator • 160 flashes per minute • Thread-on lens is quickly secured with a single screw • Flush mount

**76443** Yellow

Class: I  
 Material: ABS/Polycarbonate  
 SAE: J845  
 Finish: Yellow  
 Bulb: H1, 55 Watt  
 Volts / Amps: 12V / 5.2A  
 Accessory: Bulb: 90620

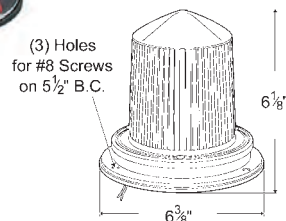


## ECONOMY 360° FLASHING AUXILIARY WARNING LAMP KIT

For use when maximum warning is not required • Bright chrome-plated steel weather-proof base • 60-90 flashes per minute • Flasher can be bypassed for steady burn

- 76083**    Yellow
- 76085**    Blue

Material: Steel/Acrylic  
 Finish: Yellow / Blue  
 Bulb: #1295, 50 CP  
 Volts / Amps: 12V / 3.0A  
 Lens: Yellow 90353

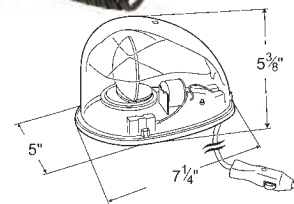


## TEARDROP "KOJAK" LIGHT

Low-power consumption light • Cigarette lighter plug with coiled cord • Magnetic mount

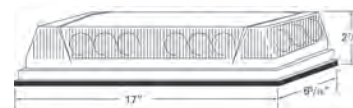
- 76032**    Red     **RETAIL**
- 76033**    Yellow   **RETAIL**
- 76034**    Green    **RETAIL**
- 76035**    Blue     **RETAIL**

Material: Acrylic  
 Finish: Red / Yellow / Green / Blue  
 Bulb: 67, 4 CP  
 Volts / Amps: 12V / 1.64A  
 Accessory: Coil Cord: 87090  
 Lens: Yellow 92453



## 17" LOW-PROFILE LED MINI LIGHTBAR

Low profile provides high performance characteristics of LED lighting in a small size • 6 internal LED modules provide 360° light output • Built-in electronic flasher with 46 Scan-Lock™ flash patterns (30 for 76770, 76983, 76993) plus 4 simulated rotating patterns (permanent-mount version only) • Permanent mount includes 6" pigtail; magnetic mount includes 8' straight cord with accessory plug that includes LED indicator switch • Permanent mount on 14 1/16" x 3 7/16" hole centers • Mounting hardware and instructions included



### PERMANENT MOUNT:

- 76983**    Yellow
- 76770**    Yellow/Blue, Clear Lens, Dual Function    **NEW**
- 76943**    Yellow, Clear Lens    **NEW**
- 76980**    Yellow/White, Clear Lens    **NEW**
- 76985**    Blue    **NEW**

### MAGNET MOUNT WITH CIGARETTE LIGHTER ADAPTER:

- 76993**    Yellow
- 76953**    Yellow, Clear Lens    **NEW**
- 76990**    Yellow/White, Clear Lens    **NEW**
- 76995**    Blue    **NEW**

Class: I  
 Material: Polycarbonate  
 SAE: J845  
 Finish: Yellow  
 Volts / Amps: 12V / 3A peak / 1.2A avg



# Warning and Hazard

Gyrophares et Feux d'Avertissement Lámparas de advertencia y precaución

LED

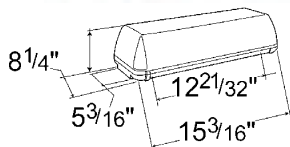
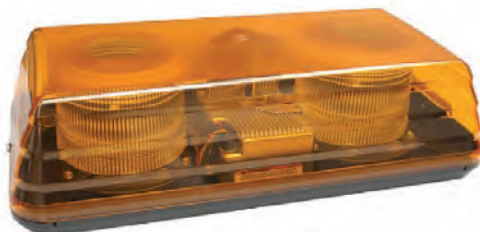


## 23" LED BAR LAMP

Low profile design, only 2 1/4" high by 12" wide, reduces air drag and provides a popular stealth appearance to your vehicle • 95 Scan-Lock™ flash patterns • Clear polycarbonate lenses feature a moisture resistant-compression-fit gasket • Sturdy black polycarbonate base on an extruded aluminum platform will not bend • To access the light bar for service or upgrade, simply remove four screws • Replace any light head by removing one screw and a single connector

**77003** Yellow, Magnet Mount

Class: Class I  
Material: Polycarbonate/Aluminum  
SAE: J845  
Finish: Yellow  
Volts / Amps: 12V / 2A

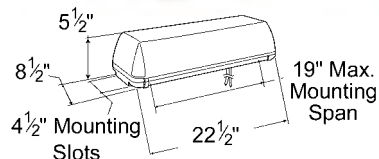


## 15" STROBE MINI BAR LAMP

Compact, low profile design • Hi / lo intensity • Field selectable dual (70) or quad (65) flash • Reverse polarity, voltage, spike and surge protected

**77753** Yellow **MULTI**

Class: II  
Material: Polycarbonate  
SAE: J1318  
Finish: Yellow  
Volts / Amps: 12V - 24V; 12V at 3.8A  
Accessory: Flash Tube: 92970; Vacuum/Magnet Mount Kit: 43090  
Lens: Outer : Yellow 93443



## 22" ROTATING EMERGENCY WARNING BAR

Gear-driven versions have a self-lubricating, heavy-duty motor and gear assembly • Belt-driven versions have a silicon belt and stainless steel bearings for long life; belt is resistant to heat and UV light damage • Dual rotating reflectors • Full diamond mirror provides more flashes to front and rear for added visibility • 400 flashes per minute • Rugged, extruded aluminum base

**77153** Yellow, Gear Drive

**77173** Yellow, Belt Drive

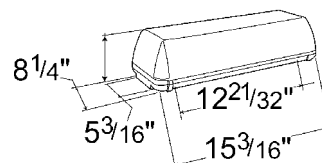
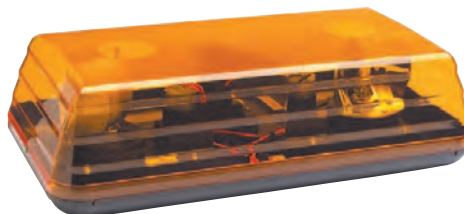
Class: I  
Material: Aluminum/Polycarbonate  
SAE: J845  
Finish: Yellow  
Bulb: (2) #795  
Volts / Amps: 12V / 8.5A  
Accessory: Bulb: Halogen 90900; Motor: Gear-Driven 99260, Belt-Driven 99370  
Lens: Yellow 92873

## 15" ROTATING LOW PROFILE BAR LAMP

Permanent-mount hardware included • Dual belt drive rotators • 55 Watt halogen bulbs • 480 flashes per minute • Sleek, low-profile lens design • Silicon belt and stainless steel bearings for long life; belt is resistant to heat and UV light damage

**76813** Yellow

Class: I  
Material: Polycarbonate  
SAE: J845  
Finish: Yellow  
Bulb: #H1, 55 Watt; Volts / Amps: 12V / 10.5A  
Accessory: Motor: Belt Drive 99370; Belt: 99250; Bulb: 90620; Vacuum/Magnet Mount Kit: 43090; Lens: Yellow 93443



## 15" ROTATING MINI-BAR LAMP

Gear-driven versions have a self-lubricating, heavy-duty motor and gear assembly • Belt-driven versions have a silicon belt and stainless steel bearings for long life; belt is resistant to heat and UV light damage • Halogen bulbs • 300 flashes per minute • Separate magnetic mount kit available • Dual rotating reflectors with fixed mirrors

### GEAR DRIVE:

**76803** Yellow

**76473** Yellow **24** Volt

### BELT DRIVE:

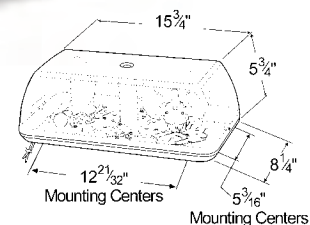
**77163** Yellow

**77165** Blue

### MOUNTING OPTIONS:

**43240** Magnetic Mounting Kit

Class: I  
Material: Polycarbonate  
Finish: Yellow  
Bulb: (2) #90900 50 Watt; Volts / Amps: 12V / 8.8A  
Bulb: (2) #90901 50 Watt; Volts / Amps: 24V / 4.1A  
Accessory: Motor: Gear Driven 99260; Belt Driven 99370; Belt 99250;  
Bulb: Halogen 12V 90900, 24V 90901; Replacement Mirror: 99230; Clear 92881  
Lens: Yellow 92883, Blue 92885



## 15" ROTATING HI-INTENSITY PORTABLE MINI BAR LAMP

Dual rotating reflector with fixed mirrors • Vacuum/magnetic mount rated to 65 mph • Two factory-installed vacuum magnets and 17' cord with cigarette lighter plug switch • Two, 50 Watt, halogen bulbs with 300 flashes per minute in rear and front • Self-lubricating, heavy-duty motor and gear assembly • Magnet mount for use only when vehicle is stationary

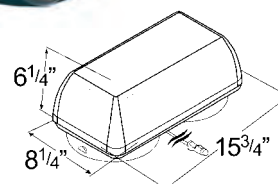
### VACUUM/MAGNET MOUNT:

**76923** Yellow

### MAGNET MOUNT:

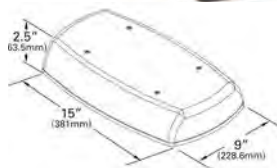
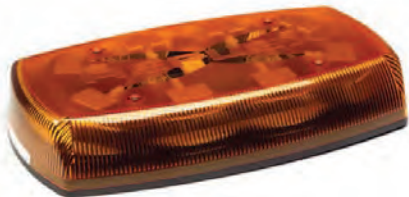
**76933** Yellow

Class: I  
Material: Polycarbonate  
SAE: J845  
Finish: Yellow  
Bulb: (2) #795, 50 Watt; Volts / Amps: 12V / 8.8A  
Accessory: Bulb: Halogen 90900; Motor: Gear-Driven 99260; Vacuum / Magnet Mount Kit: 43090; Lens: Yellow 92883, Clear 92881, Red 92882



# Warning and Hazard

Gyrophares et Feux d'Avertissement Lámparas de advertencia y precaución



## 15" LOW PROFILE REFLEX™ CLASS II LED MINI BAR LAMP

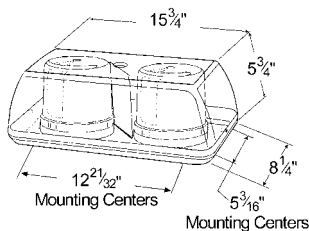
Effective 360° visibility to hazardous conditions • Eight (8) LED reflector modules each containing 3 high intensity LED's • Polycarbonate lens and base • Low power draw • LED technology minimizes maintenance and repair downtime

**76703** Yellow, Permanent Mount

**76713** Yellow, Vacuum Mount



Material: Polycarbonate  
Volts / Amps: 12V - 24V/3.5A



## MEDIUM PROFILE MINI-BAR STROBE

Dual alternating strobe lights with a fixed center mirror • Three wire lead allows double or quad flash function • Flashes per minute: 80 double, 65 quad • 14 joules (double), 20 joules (quad) • Clear lens with two amber strobes

### 15" STROBE BAR:

**77703** Yellow

Class: II

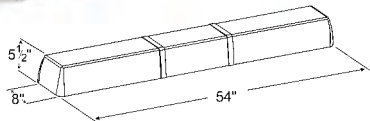
Material: Polycarbonate

Finish: Yellow

Volts / Amps: 12V - 48V / 3A at 12V

Accessory: Flash Tube: 92970; Vacuum / Magnet Mount Kit: 43090

Lens: Inner: Yellow 92993; Outer: 15" Clear 92881



## 54" WRECKER'S SPECIAL LIGHT BAR

55 Watt flood lamps • Rear brake/tail function • Mounts to tow truck pylon • 50 Watt, halogen warning lamps • Simple dome removal

**76903** Yellow

Class: I

Material: Aluminum/Polycarbonate

Finish: Clear, Yellow

Bulb: Warning: (3) #795; Volts / Amps: 12V / 13.2A

Bulb: S/T/T: (2) #1157; Volts / Amps: 12V / 4.2A

Bulb: Worklights: (2) #90861-5; Volts / Amps: 12V / 8.6A

Accessory: Bulb: Halogen 90900; Motor: Gear Driven 99260; Lamp: S/T/T - Red

53132; Work Lamp Kit - Clear 64451-5 (Pair)

Lens: Center: Yellow 93373; Outer: Clear 93361; Inner: Yellow 92853; Clear

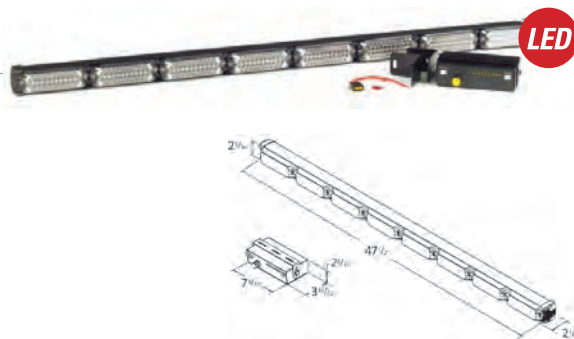
Baffle: 93881, Amber Baffle: 93883

## LED SAFETY DIRECTOR, DIRECTIONAL LIGHT

Extruded aluminum housing and clear polycarbonate LED module (illuminates yellow) • Epoxy-sealed electronics provide maximum environmental protection • Wigwag and alternating flash patterns • 35 ft. cable length

**78473** Yellow

Class: I  
Material: Aluminum/Polycarbonate  
SAE: J845  
Finish: Clear/ Yellow  
Volts / Amps: 12V - 7A



## DIRECTIONAL ARROW & CONTROL

Compact control head provides in-cab feedback of arrow pattern on an LED display • Rugged extruded aluminum housing • Flash right, flash left, center out, and wigwag patterns • Will mount on most bar lights

### INCANDESCENT:

**78260** Signal and Control Head w/ 15' Harness

### HALOGEN:

**78980** Signal and Control Head w/ 35' Harness

Class: II  
Material: Aluminum/Acrylic  
SAE: J845  
Finish: Yellow  
Bulb: 78260 - 1156; Volts / Amps: 12V / 18A max  
Bulb: 78980 - 795; Volts / Amps: 12V / 20A max  
Accessory: Bulb: Halogen 90900; Power Module: 87800



## TWO-HEAD OVAL REMOTE STROBE KIT

Double or quad flash options enhance rear vehicle warning • 60 flashes per minute • Package includes: 1 two-head power supply 99880, 2 oval strobes 77263, 2-35' cable 67061, 1 rocker switch 44870-5 and 2 oval grommets 92420

**52010** Yellow, Strobe Lamp Kit



Class: I  
Volts / Amps: 12 - 24V / 4.5A max  
Accessory: 4 Head power Supply - 99850



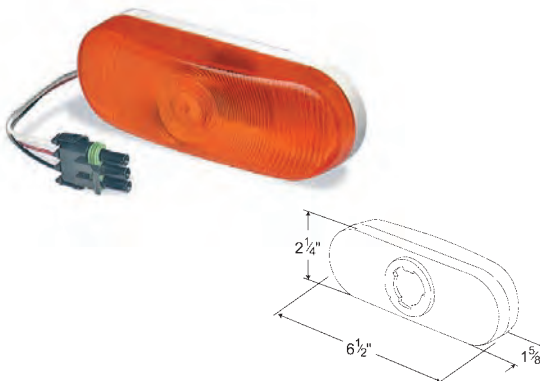
## OVAL STROBE HEAD

Twist-in socket design for flash tube replacement • Vibration and shock resistant construction • Polycarbonate lens and base

**77263** Yellow



Material: Polycarbonate  
Finish: Yellow  
Volts / Amps: 12V - 24V / 2.25A at peak  
Accessory: Flash Tube/Pigtail: 92820; Cable Assembly: 15' 67060, 35' 67061  
Bracket: 43100, 43362  
Grommet: 92420, 92720





# Warning and Hazard

Gyrophares et Feux d'Avertissement L mparas de advertencia y precauci n

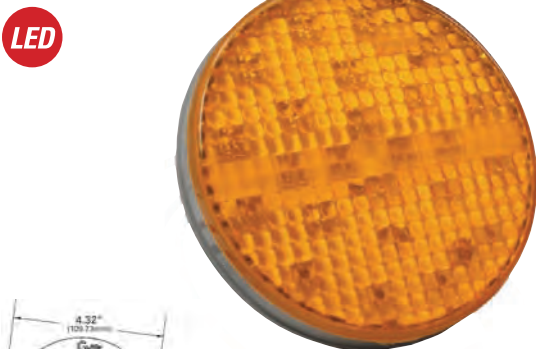


## ALTERNATING "X" PATTERN LED STROBE LAMP KIT

Lamp flashes in an alternating "X" pattern • LED lamps pull fewer amps  
 • System can be wired so the lamps operate as turn signal lamps when the turn signal is activated; then return to strobe function when turn signal is canceled • System uses sealed UBS wiring and SuperNova® LED lamps to maximize protection from moisture and corrosion • Kit contains necessary grommets, pigtails and installation instructions • Ideal for refuse vehicles and highway maintenance equipment • Four-lamp system has two oval and two round lamps; six-lamp system has two oval and four round lamps

- 99630** Strobe Power Module  
**65132** Yellow, 4-Lamp System  
**65130** Yellow, 6-Lamp System

Class: II Strobe Function Only  
 Material: Polycarbonate  
 Finish: Yellow  
 Volts / Amps: 65132 - 12V / .6A; Volts / Amps: 65130 - 12V / .96A  
 Accessory: Lamp: 4" Round- Yellow 53413; Oval - Yellow 53963  
 Grommet: Round 91740; Oval 92420; Pigtail: 66815

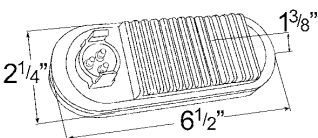


## 4" LED STROBE LIGHTS

Encapsulant potting offers maximum protection of the circuit board against dirt, moisture and corrosion • Internal circuitry eliminates the need for an external power supply or control module • Requires only a 12 Volt DC connection for power • Functions as either a dual flash strobe or a quad flash strobe • Lamps fit 4 inch standard mountings • Lamps mount in any orientation • Grote's rugged Plug-and-Go® terminals make for a quick, easy connection every time

- 77351** Clear  
**77352** Red  
**77353** Yellow  
**77355** Blue

Class: II - Red, Yellow; III - Blue  
 Material: Polycarbonate/Acrylic  
 Finish: Clear / Red / Yellow / Blue  
 Volts / Amps: 12V / .25A  
 Bracket: 43253, 92510, 92512, 92513, 43572, 43642, 43655; Grommet: 91740, 91950;  
 Pigtail: 66815, 66841, 67002, 66842, 67013, 66816, 66845, 67005, 66823, 66830, 67016, 66846



## OVAL LED STROBE LIGHTS

Encapsulant potting offers maximum protection of the circuit board against dirt, moisture and corrosion • Internal circuitry eliminates the need for an external power supply or control module • Requires only a 12 Volt DC connection for power • Functions as either a dual flash strobe or a quad flash strobe • Lamps fit oval standard mounting holes • Lamps mount in any orientation • Grote's rugged Plug-and-Go® terminals ensure a quick, easy connections every time

- 77361** Clear  
**77362** Red  
**77363** Yellow  
**77365** Blue

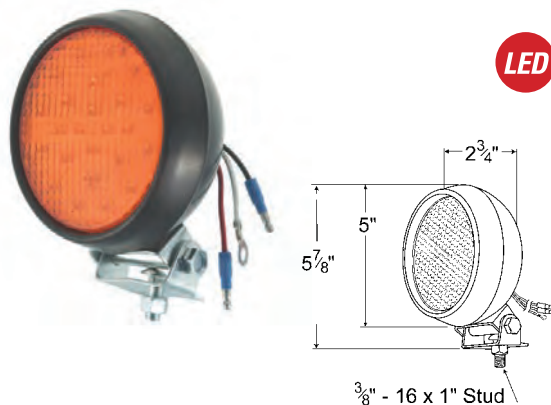
Class: II - Red, Yellow (quad); III Blue, Yellow (dual)  
 Material: ABS/Acrylic  
 Finish: Clear / Red / Yellow / Blue  
 Volts / Amps: 12V / .25A  
 Bracket: 43362, 43952, 43220, 43223, 43222, 43100; Grommet: 92420, 92720  
 Pigtail: 66815, 66841, 67002, 66842, 67013

## LED STROBE LAMP IN RUBBER HOUSING

Durable rubber lamp housings • Versatile mounting (hardware included)  
 • Molded UBS .180 bullet terminals • Pre-wired for quad or dual flash

**77192**    Red  
**77193**    Yellow

Class: II - Red, Yellow; III - Blue  
 Material: Rubber/Polycarbonate/Acrylic  
 Finish: Black / Red / Yellow  
 Volts / Amps: 12V / .25A  
 Accessory: Lamp: Red 77352, Yellow 77353, Blue 77355, Clear 77351;  
 Housing 64930; Magnet Mount 43300



## SURFACE MOUNT CLASS I LED LIGHT HEAD

24 – 1 watt, high intensity LED's • 16 flash patterns including single, double, quad, and cycle all • Synchronizable with multiple light heads  
 • UV stabilized polycarbonate lens and 9' cable • SAE J595 Class I  
 • Temperature range: -22°F to +122°F (-30°C to +50°C)

**76651**    Clear    **NEW**  
**76653**    Yellow    **NEW**  
**76655**    Blue    **NEW**

Class: 1  
 Material: Polycarbonate  
 SAE: J595  
 Volts / Amps: 12V / .75A

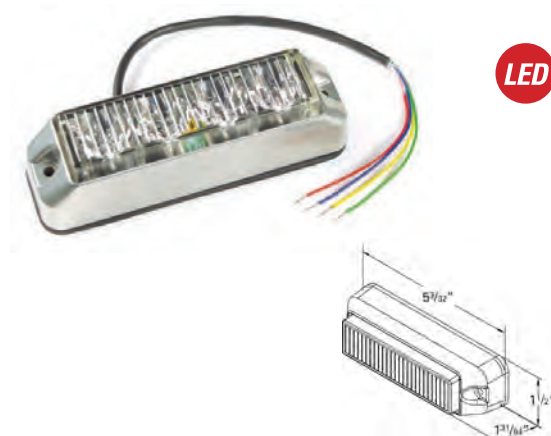


## HIGH-INTENSITY LED DIRECTIONAL LIGHT SURFACE MOUNT

Utilizes four high-intensity 1 watt Luxeon LEDs • LEDs and ribbed optics for maximum light dispersion • User selectable steady burn, double, quad or quint flash modes • 74 FSPM in double, quad and quint modes

**77763**    Yellow

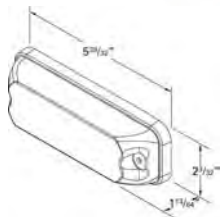
Class: I  
 Material: Aluminum/Acrylic  
 SAE: J845 (Quad mode only)  
 Finish: Yellow, Clear  
 Volts / Amps: 12V / .3A



# Warning and Hazard

Gyrophares et Feux d'Avertissement Lámparas de advertencia y precaución

LED



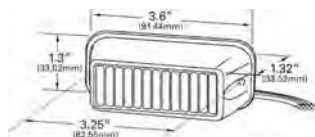
## HIGH-OUTPUT LED DIRECTIONAL LIGHT SURFACE OR GROMMET MOUNT

42 individual 1/4 watt LEDs with individual reflectors • Tough, clear polycarbonate housing with urethane encapsulated electronics  
• 75 to 80 flashes per minute

**77773** Yellow

Class: I  
Material: Polycarbonate  
SAE: J845  
Finish: Yellow  
Bulb: 12V  
Volts / Amps: 12.8V / .90A  
Grommet: 92420, 92720

LED



## LED DIRECTIONAL WARNING LAMP

Versatile LED directional warning light can be synchronized with up to 8 interconnected modules and 25 different built-in flash patterns • Fully-encapsulated, sturdy polycarbonate construction coupled with a dependable gasket design ensures superb moisture and vibration resistance  
• Self-contained high intensity, wide angle LED module • Horizontal/vertical surface mount

**77461** Clear

**77462** Red

**77463** Yellow

**77465** Blue **NEW**

Class: Class I  
Material: Polycarbonate/Aluminum  
SAE: J595 and J845  
Finish: Clear / Red / Yellow  
Volts / Amps: 12V / .40A peak  
Volts / Amps: 12V / .16A ave.  
Bracket: 94652, 94662

LED



## LED VERTEX™ HIDEAWAY STROBE LAMP

Ultra small, self-contained, hemispheric LED light for surface or internal mount within composite headlight, cornering lights and taillight assemblies.  
• Flange kit options (in black or chrome) allow easy surface mounting anywhere on your vehicle. • 25 Scan-Lock™ flash patterns include a synchronize feature for alternating and synchronous flashing of multiple lamps. • Simple installation: with no separate lamp drivers, flashers, ballast or power supplies to install • 9 ft. cable length

**77931** Clear

**77932** Red

**77933** Yellow

**77935** Blue

MULTI

MULTI

MULTI

MULTI



97942 Flange



97943 Flange

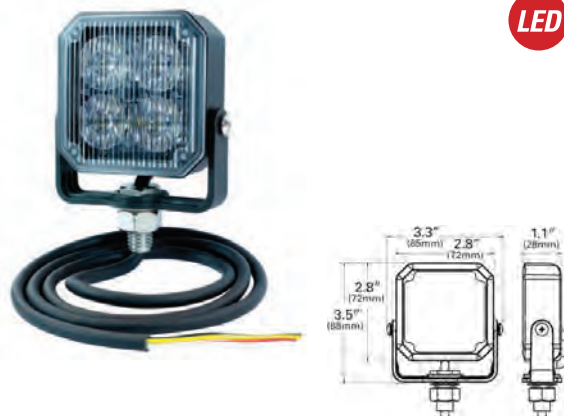


## AUXILIARY LED STROBE LAMP

4 high power LEDs with 19 flash patterns • Synchronize option lets you connect multiple heads • Mount anywhere with adjustable bracket  
 • Compact unit with robust aluminum housing for all types of 12V - 24V application

- 76792**    Red    **MULTI NEW**
- 76795**    Blue   **MULTI NEW**
- 76793**    Yellow   **MULTI NEW**

SAE: Class II, Title XIII, e13 certified  
 Material: Aluminum  
 Finish: Black  
 Volts / Amps: 11V - 30VDC / 12V at .055A; 24V at .026A

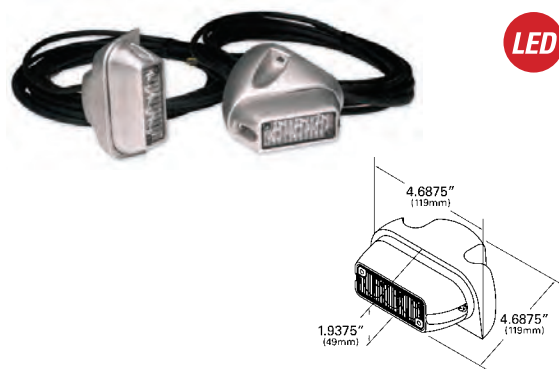


## WING-TIP LED SNOWPLOW LAMPS

Fully encapsulated housing makes LED modules resistant to vibration, water, and salt and chemical resistance • Water-proof heavy-duty TPR cabling with built-in strain relief connectors is standard • Set of two light heads provides complete coverage whether snowplow blade is down and in use or in the stored travel position • Super effective Class I LED strobe light modules have 11 light patterns to choose from

- 78573**    Vertical
- 78563**    Horizontal

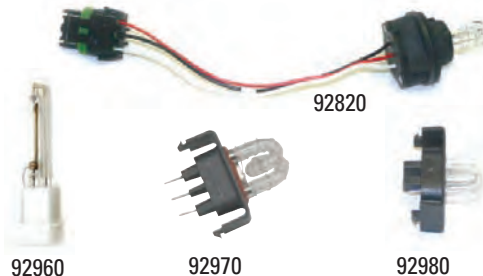
Class: Class I  
 Material: Die-Cast  
 SAE: J845  
 Finish: Clear  
 Volts / Amps: 12V / .16A avg. / .4A peak



## REPLACEMENT FLASH TUBES

Grote offers several options for replacement flash tubes • See part listing for recommended tube replacement part number

- 92820**    W/ attached Pigtail
- 92960**    3-Pin, Hard Shell Connector
- 92970**    3-Pin, Needle Style
- 92980**    3-Pin, Flat Pin Style

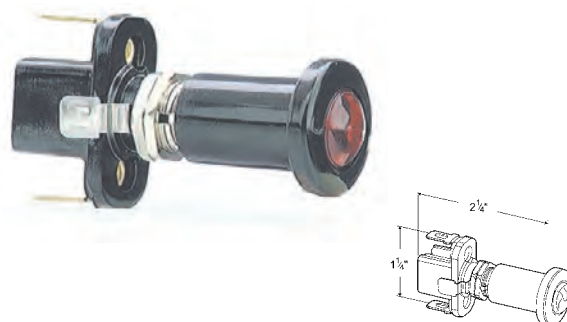


## 16-AMP ILLUMINATED PUSH-PULL SWITCH

Will handle up to a 4-bulb Roto-Beacon

- 44170**    Switch

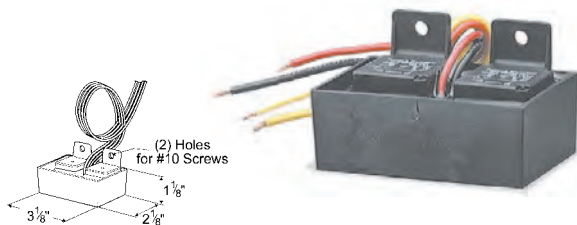
Bulb: BA75, 2 Watt  
 Volts / Amps: 12V / .17A





# Warning and Hazard

Gyrophares et Feux d'Avertissement Lámparas de advertencia y precaución



## PROFESSIONAL EMERGENCY FLASHER

Wigwag pattern • Hi-beam override • Completely sealed in epoxy potting  
• Not for use with negative-activation headlight systems

**44740** Flasher

Volts / Amps: 12V / 20A max each side



## ACTUATION SWITCH

Often utilized with back-up alarms • Activates when shifting vehicle into reverse

**44134** Switch **MULTI**

Material: Steel  
Finish: Zinc Plate  
Volts / Amps: 12V - 36V / 5A max

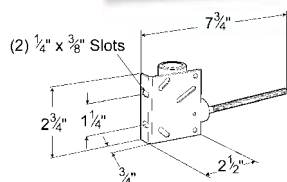


## ACTUATION SWITCH

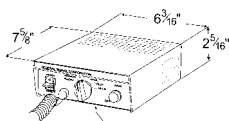
Heavy-duty usage • Mechanical actuation • Includes mounting bracket and weather-proof compression fitting

**44421** Switch **MULTI**

Material: DURAMOLD® / Steel  
Finish: Zinc  
Volts / Amps: 12V - 80V / 10A max



## FULL-FEATURED SIREN (POLICE/FIRE PROFESSIONAL)



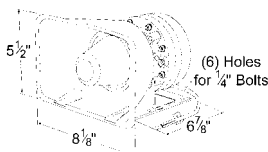
"U" Shaped Mounting Bracket Slotted to Use 1/4" Bolts



100 Watt output • Wail / Yelp / Hi-low plus horn • Public address function • Built-in microphone

**87781** Black

Volts / Amps: 12V



## 100-WATT SPEAKER

Mates with Grote Full-Featured Siren (87781) • Outside or concealed mounting • 120 decibels at 10 ft.

**87790** Speaker

Volts / Amps: 12V / 3.57A

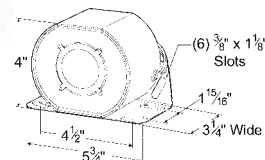


## HEAVY-DUTY SMART ALARM® BACKUP ALARM

Electronics sealed in epoxy for protection against dust, vibration and moisture • Measures ambient noise level and instantly self adjusts to at least 5 decibels louder • Automatically adjusts to eliminate user confusion on which volume to select • Volume: 87 to 112 decibels • Universal mount

**73080**    87 to 112 Decibels, Smart Alarm **MULTI**

Material: Steel  
FMVSS: F  
Finish: Blue  
Volts / Amps: 12V - 24V / .4A

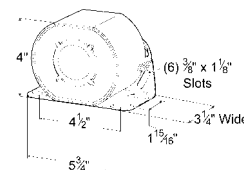


## FIELD-SELECTABLE BACKUP ALARM

Electronics sealed in epoxy for protection against dust, vibration, and moisture • Adjusts to SAE type A or B for medium to high noise • 12 to 36 volts • Selectable volume control, 107 or 112 decibels by reversing the leads • Universal mount

**73030**    107 or 112 Selectable Decibels **MULTI**

Material: Steel  
SAE: J994 Type A or B  
Finish: Blue  
Volts / Amps: 12V - 36V / .6A at 12V

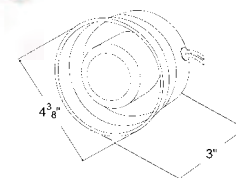


## 4" GROMMET MOUNTED BACKUP ALARM

Mounts in standard 4" grommet (grommet not included) • Epoxy sealed to protect against dust, moisture and, vibration

**73160**    112 Decibels **MULTI**

Material: Steel  
SAE: J994 Type A  
Finish: Black  
Volts / Amps: 12V - 36V / .6A at 12V  
Grommet: 91740

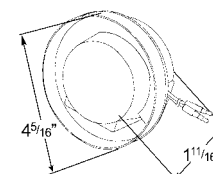


## 4" ECONOMY GROMMET MOUNTED BACKUP ALARM

Mounts in standard 4" grommets • Electronics completely encapsulated in potting for total circuit board protection • Grommet style mounting for added protection against damage and knock-offs from debris • Features Grote's hardwired UBS bullet termination to create a sealed wiring connection

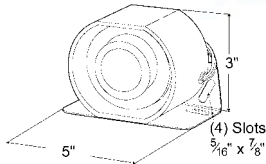
**73220**    97 Decibels **MULTI**

Material: Nylon  
SAE: J994 Type C  
Finish: Black  
Volts / Amps: 12V - 24V / .2A at 12V (DC)  
Grommet: 91740  
Pigtails: 66200



# Warning and Hazard

Gyrophares et Feux d'Avertissement Lámparas de advertencia y precaución

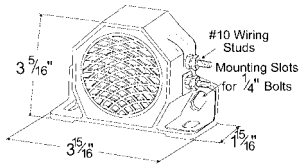


## MEDIUM NOISE SURROUND BACKUP ALARM

Features hardwire terminations • Integral mounting bracket • Electronics completely encapsulated in potting for total circuit board protection

**73250** 107 Decibel **MULTI**  
**73240** 82 to 107 Decibels, Smart Alarm® **MULTI**

Material: Steel  
 SAE: J994 73250 - Type B, 73240 - Type F  
 Finish: Blue  
 Volts / Amps: 12V - 36V (73250); 12V (DC) at .6A  
 Volts / Amps: 12V - 24V (73240); 12V (DC) at .6A



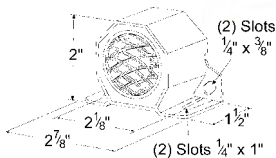
## MEDIUM / LOW NOISE SURROUND BACKUP ALARM

Electronics sealed in epoxy for protection against dust, vibration and moisture • Self-grounding, eliminates potential corrosion points

• Universal integral mounting bracket • Voltage-spike and surge-protected  
 • UL Approved

**73040** 97 Decibels, w/ Wire Studs **MULTI**  
**73040-5** 97 Decibels, w/ Wire Studs **MULTI RETAIL**  
**73090** 107 Decibel w/ Wire Leads **MULTI**  
**73110** 92 to 102 Decibels, Smart Alarm® **MULTI**

Material: Nylon  
 SAE: J994 : 73090 - Type B; 73040 - Type C; 73110 - Type F  
 Finish: Blue  
 Volts / Amps: 12V - 24V / .4A at 12V



## LIGHT DUTY BACKUP ALARM

Universal mounting • Compact size • Not an SAE rated alarm

**73120** 90 Decibels

Material: Nylon  
 Finish: Blue  
 Volts / Amps: 12V / .22A

## BEEPING BACKUP HALOGEN BULB

Combination audible back-up safety device and lamp in one • Provides a clear beeping sound when vehicle shifts into reverse gear • Alarm does not meet OSHA or SAE J994 requirements for commercial back-up alarms

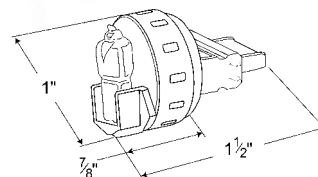
BAYONET BASE: (1156 REPLACEMENT)

**73140-5** RETAIL

WEDGE BASE: (3156 REPLACEMENT)

**73150-5** RETAIL

Volts / Amps: 12V / 1.67A



## ELECTRIC AUTOMOTIVE HORNS

Complete with mounting bracket

FOR IMPORT VEHICLES:

**72010-5** High, 135 Decibels RETAIL

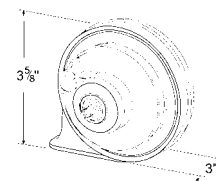
**72050-5** Low RETAIL

FOR DOMESTIC VEHICLES:

**72100-5** High, 125 Decibels RETAIL

**72110-5** Low RETAIL

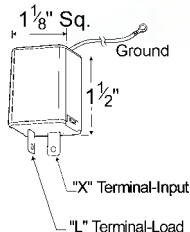
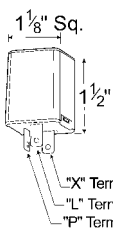
Material: Steel  
SAE: J377  
Finish: Black Enamel  
Volts / Amps: 12V





# Flashers and Turn Signal Switches

Clignotants et Commutateurs Palancas Direccionales / Destelladores



## VARIABLE-LOAD ELECTRONIC LED FLASHER

60 to 120 flashes per minute • Heavy-duty contacts; external wire provides ground • Steady flash rate for all LED and incandescent loads • Fits in round flasher socket • Flash rate is electronically controlled

### 3 TERMINAL (PILOT):

**44890** Flasher

### 2 TERMINAL:

**44891** Flasher

FMVSS: 108; SAE J945, J590

Volts / Amp: 12V / 1A to 20A; 1 to 10 Lamp Load (Incandescent)

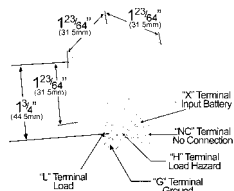


## 3-PIN LED FLASHER

3-pin electronic LED flasher, 12-Volt • Max load: 20 Amps • Min Load: .25 Amps • Flash rate: 60-120 flashes per minute

**44110** Flasher

FMVSS: 108; SAE J945, J590



## 5-PIN ELECTRONIC LED FLASHER

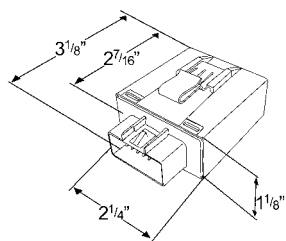
Direct replacement for OE flasher • Doesn't require a separate ground wire; uses factory wiring • Provides a steady flash rate for turn signals and hazard lamps even when using LED lamps • Electronic controlled flash rate, maintains the legally compliant flash rate.

### 5 PIN:

**44090** ISO Terminals

FMVSS: 108; SAE J945, J590

Volts / Amp: 12V / 1 to 20A



## 13-PIN ELECTRONIC LIGHTING CONTROL MODULE

Maintains factory flash rate when retrofitting to LED lamps • Direct replacement to OEM lighting control module for easy retrofit and replacement • Operates DRL, flasher, brake light control and trailer lamps on 2003 GM® full size vans or later • Replaces GM25746427

**44160** 13-Pin

FMVSS: 108; SAE J945, J590

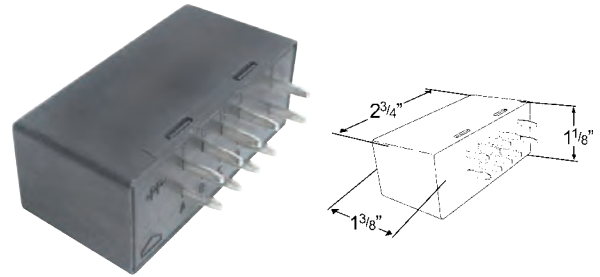
Volts / Amp: 12V / 162 Watts max

## 10-PIN ELECTRONIC LIGHTING CONTROL MODULE

Maintains factory flash rate when retrofitting to LED lamps  
 • Direct replacement to OEM lighting control module for easy retrofit and replacement • Replaces GM12450284

**44140** 10-Pin

FMVSS: 108; SAE J945, J590  
 Volts / Amp: 12V / 25A max; Lamp Load: 12 lamps max



## 10-LAMP ELECTROMECHANICAL FLASHER

Molded base and terminals • Heavy-duty contacts • 60-120 flashes per minute

### 2 TERMINAL:

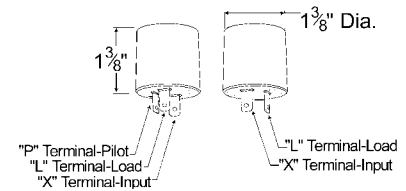
**44810** Flasher

**44810-5** Flasher **RETAIL**

### 3 TERMINAL (PILOT):

**44820** Flasher

FMVSS: 108; SAE J945, J590  
 Volts / Amp: 12V / 2 to 20A; Lamp Load: 1-10 lamps



## 12-LAMP ELECTROMECHANICAL FLASHER

60 to 120 flashes per minute • Available in standard (12-Volt) and 24-Volt models • Less than 4 mill volts per amp voltage drop • Exceeds SAE 100-hour test • Fits in a round flasher socket

### 2 TERMINAL:

**44530** Flasher

**44530-5** Flasher **RETAIL**

**44850** Flasher **24 VOLT**

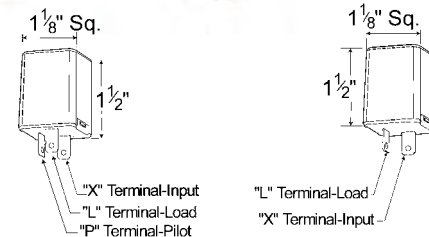
### 3 TERMINAL (PILOT):

**44540** Flasher

**44540-5** Flasher **RETAIL**

**44860** Flasher **24 VOLT**

FMVSS: 108; SAE J945, J590  
 Volts / Amp: 12V / 2 to 25A; Lamp Load: 1-12 lamps



## 16-LAMP ELECTRONIC FLASHER

60 to 120 flashes per minute • 11 to 15-Volts DC • Less than 4-millivolts per amp voltage drop • Exceeds SAE 100-hour test • Fits in a round flasher socket

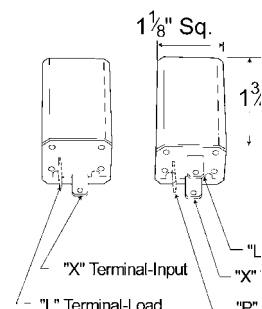
### 2 TERMINAL:

**44690** Flasher

### 3 TERMINAL (PILOT):

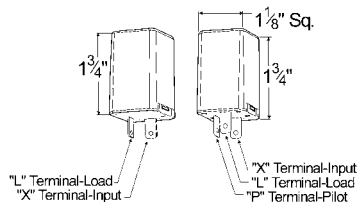
**44700** Flasher

FMVSS: 108; SAE J945, J590  
 Volts / Amp: 12V / 2 to 33A; Lamp Load: 1-16 lamps



# Flashers and Turn Signal Switches

Clignotants et Commutateurs Palancas Direccionales / Destelladores



## 20-LAMP HEAVY DUTY ELECTRONIC FLASHER

60 to 120 flashes per minute • 11 to 15-Volts DC • Less than 3-millivolts per amp voltage drop • Fits standard round socket • Exceeds SAE 100-hour test

### 2 TERMINAL:

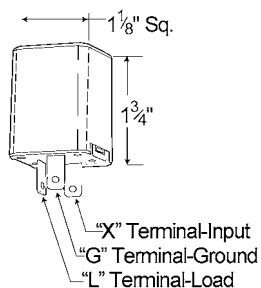
**44710** Flasher

### 3 TERMINAL:

**44720** Flasher

FMVSS: 108; SAE J945, J590

Volts / Amp: 12V / 2 to 42A; Lamp Load: 1-20 lamps



## NORTH AMERICAN (J50) PINOUT

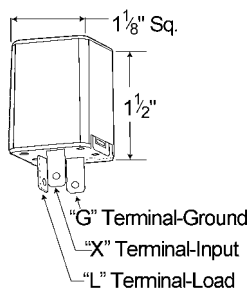
Heavy-duty contacts • 44750 only, lamp outage at one lamp • Flash rate electronically timed • Fits most Dodge®, Ford®, Honda®, Mitsubishi®, Nissan®, and Subaru® vehicles (see application guide) • Steady flash rate for all incandescent and LED leads

### 3 TERMINAL:

**44892** Flasher

FMVSS: 108; SAE J945, J590

Volts / Amp: 12V / 1 to 20A; Lamp Load: 1-10 Lamps



## EUROPEAN (ISO) PINOUT

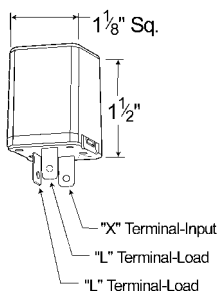
Heavy-duty contacts • Flash rate electronically timed • Fits most Toyota®, Chrysler®, and pre '92 Chevrolet® ST Trucks (see application guide) • Steady flash rate for all incandescent and LED leads

### 3 TERMINAL:

**44893** Flasher

FMVSS: 108; SAE J945, J590

Volts / Amp: 44893 - 12V / 1 to 20A; Lamp Load: 1-10 Lamps



## 6-LAMP HEAVY-DUTY ALTERNATING ELECTRONIC FLASHER

11 to 15-Volts DC • Less than 4-millivolts per amp voltage drop

### 3 TERMINAL:

**44730** Flasher

FMVSS: 108; SAE J945, J590

Volts / Amp: 12V / 25A; Lamp Load: 1-10 lamps

## NON-LATCHING HEADLAMP DIMMER RELAY

Used for converting from floor mounted dimmer switch to turn signal switch with lift-to-dim feature • Heavy-duty contact design provides years of trouble-free operation

**44460** Relay

Volts / Amp: 12V / 20 to 30A capacity

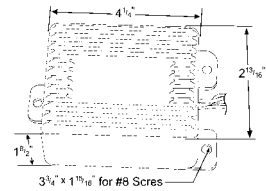


## 24-TO 12-VOLT CONVERTER

Allows use of 12-Volt lighting/accessories on 24-Volt vehicles • Rugged die-cast housing • Solid-state, fully potted electronics

**44070** Converter **MULTI**

Material: Aluminum  
Finish: Bright  
Volts / Amp: 18 to 32V input, 13.8V output / 3A max

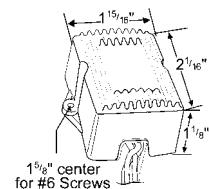


## SOLID-STATE ELECTRONIC FLASHER

Designed for use with LED lighting • Provides steady flash rate over any load up to 12 Amps • Fully-potted, solid-state electronics • Self-resetting feature provides internal protection against short circuits

**44010** 3-Wire **MULTI**  
**44030** Alternating Flasher **MULTI**

Material: Aluminum  
Finish: Black  
FMVSS: 108; SAE J945, J590  
Volts / Amp: 12V - 24V / 12A max





# Flashers and Turn Signal Switches

Clignotants et Commutateurs Palancas Direccionales / Destelladores

## Flasher Application Guide

Variable-load flashers may not have lamp outage indicators and may continue to flash at a normal rate even though one or more bulbs have failed. Inspect your lighting system frequently and replace any burned-out bulbs immediately. These flashers are designed for heavy-duty or trailer load applications.

### Acura

Year	Vehicle / Model	Exceptions	Part
1991-1986	Legend		44810
1997-1986	All others	CL, NSX, RL	44892

### AMC

Year	Vehicle / Model	Exceptions	Part
1988-1975	All		44810

### Audi

Year	Vehicle / Model	Exceptions	Part
1991-1970	All	1986 5000S / CS and CS Turbo Quattro and 1997 A4	44893

### BMW

Year	Vehicle / Model	Exceptions	Part
1974-1976	All		44820

### Buick

Year	Vehicle / Model	Exceptions	Part
1996-1992	Century		44810
1990-1985	Electra		44810
2005-2000	LeSabre		44140
1997	LeSabre		44810
2007-2004	Ranier		44140
2007-2002	Rendezvous		44140
1997	Riviera		44810

### Cadillac

Year	Vehicle / Model	Exceptions	Part
1993-1970	All	Allante, 1993 El Dorado and older	44810
1997-1994	All	others below	44892
1999-1989	Seville and STS	1990 Seville	44892
1997-1994	Catera		44810
1997-1994	Fleetwood		44810
2006-2003	Escalade		44140
1996-1970	All	1996 Skylark	44810

### Chevrolet / GMC

Year	Vehicle / Model	Exceptions	Part
Pre-1997	2-Terminal Flasher	others if noted below	44810
Pre-1997	3-Terminal Flasher	others if noted below; LUV, 1985-1988 Nova, 1980-1984 El Camino, 1982 Suburban	44893
Pre-1993	3-Terminal Flasher, Commercial Trucks Only		44540
2006-2003	Avalanche		44140
1988-1987	Spectrum		44892
1988-1987	Sprint		44892
1993-1992	Vans with tow package		44530
2002-1996	Yukon		44120
2001-1998	Blazer		44120
2002-2000	Express		44120
2007-2003	Express		44160
2002-1998	S-Series Pickup		44120
2002-2000	Savanna		44120
2007-2003	Silverado		44140
2002-1999	Silverado		44120
2006-2004	Suburban		44140
2002-1996	Suburban		44120
2006-2003	SSR		44140
2002-2000	Tahoe		44120
2005-2003	Tahoe		44160
2008-2002	Trailblazer		44160

### Chrysler

Year	Vehicle / Model	Exceptions	Part
	2-Terminal Flasher		44810
	3-Terminal Flasher		44893
	5-Terminal Flasher		44090

### Daihatsu

Year	Vehicle / Model	Exceptions	Part
1992-1984	All	Rocky	44892

### Dodge

Year	Vehicle / Model	Exceptions	Part
	2-Terminal Flasher	others noted below	44810
	3-Terminal Flasher	others noted below	44893
1995-1970	All Cars	Monaco, Raider, 1985 Ram Van Wagon and Pickup	44810
1996-1986	Colt		44892
1993-1983	Ram 50		44892
1996-1986	Stealth		44892

### Eagle

Year	Vehicle / Model	Exceptions	Part
1989-1988	Medallion		44820
1996-1994	Summit		44892
1996-1992	Summit Wagon		44892
1993-1990	Talon		44892
1995-1993	Vision		44893

### Fiat

Year	Vehicle / Model	Exceptions	Part
1983-1970	All		44820

### Ford

Year	Vehicle / Model	Exceptions	Part
	2-Terminal Flasher		44810
Pre-1993	3-Terminal Flasher, Commercial Trucks Only		44540
	3-Terminal Flasher		44892
	5-Terminal Flasher		44090
1997-1972	E-Series Truck		44530
1964	Thunderbird		44820

### GMC

Year	Vehicle / Model	Exceptions	Part
2005-2004	Canyon		44140
2008-2002	Envoy		44140
2000-1998	Envoy		44120
2002-1996	Full Size C / K Pickup		44120
2001-1998	Jimmy		44120
2006-2003	Yukon		44140
2007-2003	Savannah		44160
2007-2003	Sierra-Series		44140
1991-1978	All		44810

### Geo

Year	Vehicle / Model	Exceptions	Part
1996-1989	Metro		44892
1997-1989	Prizm		44893
1989	Spectrum		44892
1993-1990	Storm		44892
1995-1989	Tracker		44892

### Honda

Year	Vehicle / Model	Exceptions	Part
	2-Terminal Flasher		44810
	3-Terminal Flasher		44892
1981-1976	Accord		44810

### Hyundai

Year	Vehicle / Model	Exceptions	Part
1988-1986	All		44893
1995-1989	All		44892

### Hummer

Year	Vehicle / Model	Exceptions	Part
2007-2003	H2		44140

### Infiniti

Year	Vehicle / Model	Exceptions	Part
1996-1990	All	1996 I30	44892

## Flasher Application Guide

### International<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
1980-1974	All		44810

### Isuzu<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
2006-2003	Ascender		44140
2004-1987	All		44892

### Jaguar<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
1996-1978	XJ6, XJS, XJ12		44820
1989-1986	XJ6, XJS		44892
1996-1990	XJS		44893

### Jeep<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
1997-1994	Grand Cherokee		44090
1996-1978	All	1993 Grand Wagoneer, 1996 Grand Cherokee, 1986 CJ and Scramble	44810

### Lexus<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
1996-1990	All		44893

### Lincoln<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	2-Terminal Flasher		44810
	3-Terminal Flasher		44892
	5-Terminal Flasher		44090

### Mazda<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
1984-1971	2-Pin		44180

### Mercury<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	2-Terminal Flasher		44810
	3-Terminal Flasher		44892
	5-Terminal Flasher		44090

### Mitsubishi<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	2-Terminal Flasher		44810
	3-Terminal Flasher	others noted below	44892
1989-1987	Precis		44893

### Nissan<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	2-Terminal Flasher		44810
	3-Terminal Flasher		44892

### Oldsmobile<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	2-Terminal Flasher		44810
	3-Terminal Flasher		44893
	4-Terminal Flasher		44120
	5-Terminal		44090
2004-2002	Bravada		44140

### Peugeot<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
1991-1982	All		44820

### Plymouth<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
1991-1975	All		44810

### Pontiac<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	2-Terminal Flasher		44810
	3-Terminal Flasher		44893
	5-Terminal		44090
2005-2001	Aztec		44140
1991-1989	LeMans		44892

### Porsche<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	2-Terminal Flasher	others noted below	44810
	3-Terminal Flasher	others noted below	44893
1986-1978	924 (Hazard Flasher)		44820
1982-1978	928 (Hazard Flasher)		44820
1986-1978	944 (Hazard Flasher)		44820

### Renault<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
1986-1983	2 Pin		44810
1986-1983	3 Pin		44820
1980-1978	All (Hazard Flasher)		44820
1985-1982	Alliance		44810
1985-1984	Encore		44810
1985-1982	Fuego		44820

### SAAB<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
1996-1982	All	others noted below	44893
2008-2005	9-7X		44140
1980-1978	99 and 99GL		44892
1980-1978	900		44893
1981	900		44892
1997	9000CS Hatchback		44893
1999	Sonett		44820
1975-1974	All		44820

### Saturn<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	All	S-Series	44893

### Sterling<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	All		44893

### Subaru<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	2-Terminal Flasher		44810
	3-Terminal Flasher		44892

### Suzuki<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	All		44892

### Toyota<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	All	others noted below	44893
1980-1978	Cresida		44892
1980-1978	Land Cruiser		44810
1997	Previa		44892

### Triumph<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
1982-1970	All (Turn Flasher)		44810
1982-1970	All (Hazard Flasher)	44820	

### Volkswagon<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	All		44893

### Volvo<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	All		44893

### Yugo<sup>®</sup>

Year	Vehicle / Model	Exceptions	Part
	All		44820

# Flashers and Turn Signal Switches

Clignotants et Commutateurs Palancas Direccionales / Destelladores



## TURN SIGNAL SWITCH WITH FLASH-TO-PASS AND MARKER FLASH

Provides 2 M-4 threaded holes for column mounting • 18-bulb capacity makes switch ideal for triple-trailer configurations • Replaces Grote® 01-4840-70 / 71 • Replaces Mack® 1MR574

**48402**



## UNIVERSAL 7-WIRE / 4-WIRE TURN SIGNAL SWITCH KIT

Replaces Truck-Lite® and Signal-Stat® 900-902, 920 and 2900-3 • Includes switch, mounting hardware and 24" blunt-cut, harness • 4- or 7- wire system • Adapts to applications without brake override functions • For applications with floor-mounted dimmer switch • 18 bulb capacity makes switch ideal for triple trailer configurations • Compatible with 24-Volt systems if indicator bulb is replaced with Grote's 24-Volts bulb (1450) • Mounting hardware kit includes threaded inserts with screws for mounting to existing brackets and a worm gear clamp with a range of 1.6" to 2.5" for mounting to circular column tubes

**48072** Turn Signal Switch Kit

FMVSS: Q  
 Finish: Black  
 Bulb: (Indicator) 53, 1 CP  
 Voltage/Amp: 12V / .12A  
 Accessory: Switch: 48272; Harness: 69680



## UNIVERSAL TURN SIGNAL SWITCH

Universal replacement without hi-low beam function • 18-bulb capacity makes switch ideal for triple-trailer configurations • Mounting hardware kit includes tapped inserts with screws for mounting to existing brackets and a worm gear clamp with a range of 1." to 2.5" for mounting to circular column trucks • Integral RH and LH turn / hazard indicator lights • Adapts to applications without brake override functions • Compatible with 24-Volt systems if indicator bulb is replaced with Grote's 24-Volt bulb (1450)

**48272** Turn Signal Switch

FMVSS: Q  
 Finish: Black  
 Bulb: (Indicator) 53, 1 CP; Voltage/Amp: 12V / .12A  
 Accessory: Harness: 69680



## UNIVERSAL TURN SIGNAL SWITCH WITH LIFT-TO-DIM

18 bulb capacity makes switch ideal for triple trailer configurations • Mounting hardware kit includes tapped inserts with screws for mounting to existing brackets and a worm gear clamp with a range of 1."-2.5" for mounting to circular column trucks • Adapts to applications without brake override functions

**48282** Universal Turn Signal Switch

FMVSS: Q  
 Finish: Black  
 Accessory: Harness: 69690

## UNIVERSAL REPLACEMENT HARNESS

Fits 48272 switch • Overall length of 24" is sufficient for most applications • Flexible, black PVC loom adds protection without adding rigidity • 4 to 7 wire system compatible • Includes circuitry for switches with integral RH and LH turn/hazard indicator light

**69680** Universal Harness



## UNIVERSAL PLUG-IN 12 WIRE HARNESS FOR SWITCHES WITH CRUISE OR WIPER CONTROL

Overall length of 24" is sufficient for most applications • Flexible PVC loom adds protection without adding rigidity • Provides 12 connections for any Grote switch requiring up to 12 circuits • Provides circuits for cruise control, wiper control, flash-to-pass or marker flash • Use with switch numbers 48442 or 48563

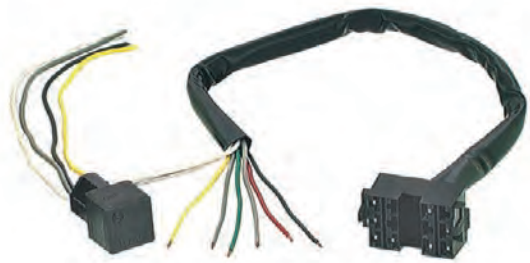
**69681** Harness



## UNIVERSAL PLUG-IN WIRING HARNESS WITH LIFT-TO-DIM

Fits 48282 switch • Includes 44460 non-latching relay • Includes connector for headlamp relay • 4 to 7 wire system compatible • Overall length of 24" is sufficient for most applications • Flexible, black PVC loom adds protection without adding rigidity

**69690** Universal Harness



## KENWORTH® OEM REPLACEMENT SWITCH WITH HARNESS

Replaces Freightliner® GRO 01-4811-87, Grote® 01-4811-87, and Paccar® K301-295-3 • Black worm gear mounting clamp included • OEM-style, 20" plug-in wiring harness included • 18-bulb capacity makes switch ideal for triple-trailer configurations

**48532** Turn Signal Switch Kit

FMVSS: Q  
Finish: Black





# Flashers and Turn Signal Switches

Clignotants et Commutateurs Palancas Direccionales / Destelladores

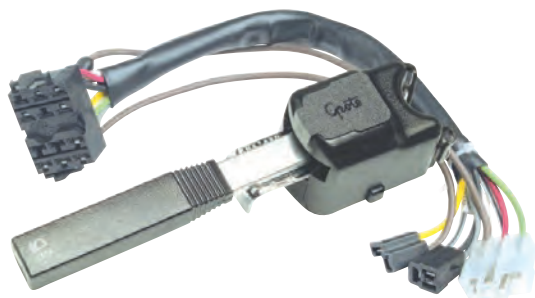


## FREIGHTLINER® OEM REPLACEMENT SWITCH

Replaces Freightliner® GRO 01-4811-77 • 18-bulb capacity makes switch ideal for triple-trailer configurations • Plugs into OE harness on truck  
 • Mounts with a separate worm gear clamp

**48522** Turn Signal Switch Kit

FMVSS: Q  
 Finish: Black



## OEM-STYLE TURN SIGNAL SWITCH

Replaces Freightliner® GRO 01-4811-82 • Includes 15" plug-in harness with fuse holder • 18-bulb capacity makes switch ideal for triple-trailer configurations • Mounts with separate worm gear clamp

**48542** Turn Signal Switch

FMVSS: Q  
 Finish: Black



## OEM-STYLE TURN SIGNAL SWITCH

Replaces Freightliner® GRO 01-4813-80 and GRO 01-4813-81 • 18-bulb capacity makes switch ideal for triple-trailer configurations • Mounting bracket included

**48552** Turn Signal Switch

FMVSS: Q  
 Finish: Black



## OEM-STYLE TURN SIGNAL SWITCH FOR PACCAR®

Replaces PACCAR® 01-4813-91, TRW® 480819 without harness • 18-bulb capacity makes switch ideal for triple-trailer configurations • Adapts to applications without brake override function • Provides hazard / warning, right / left turn, lift-to-dim functions

**48132** Turn Signal Switch

FMVSS: Q  
 Finish: Black

## OEM-STYLE TURN SIGNAL SWITCH FOR INTERNATIONAL®

Replaces International® 354493C92 without harness • 18-bulb capacity makes switch ideal for triple-trailer configurations • Adapts to applications without brake override function • Provides hazard / warning, left / right turn, lift-to-dim functions

**48283** Turn Signal Switch

FMVSS: Q  
Finish: Black



## UNIVERSAL OEM-STYLE RUBBER-GRIP TURN SIGNAL SWITCH

New style 1" diameter rubber grip • 18-bulb capacity makes switch ideal for triple-trailer configurations • Adapts to applications without brake override function • Provides hazard / warning, left / right turn, lift-to-dim functions • Mounting hardware kit includes tapped inserts with screws for mounting to existing brackets and a worm gear clamp with a range of 1" to 2.5" for mounting to round columns

**48284** Turn Signal Switch

Reflective: Q  
Finish: Black



## OEM-STYLE MARKER / FLASH TURN SIGNAL SWITCH FOR PACCAR®

Replaces PACCAR® 01-4843-75, TRW® 480829 without harness • Chrome-plated end push-button for flashing marker lamps • 18-bulb capacity makes switch ideal for triple-trailer configurations • Adapts to applications without brake override function

**48432** Turn Signal Switch

Reflective: Q  
Finish: Black



## OEM-STYLE MARKER / FLASH AND WIPER TURN SIGNAL SWITCH FOR INTERNATIONAL®

Replaces International® 2004505C91 without harness • 18-bulb capacity makes switch ideal for triple-trailer configurations • Adapts to applications without brake override function • Provides hazard / warning, left / right turn, lift to dim functions • Mounting hardware kit includes tapped inserts with screws for mounting to existing brackets and a worm gear clamp with a range of 1" to 2.5" for mounting to round columns • Chrome-plated end push-button for flashing marker lamps • Slide switch for 2-speed wiper control

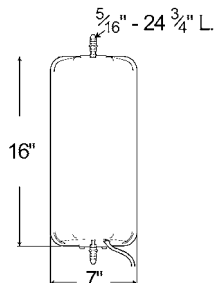
**48442** Turn Signal Switch

FMVSS: Q  
Finish: Black



# Mirrors

Rétroviseurs Espejos

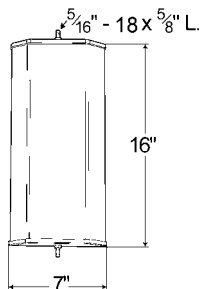


## 7" X 16" REMOTE-CONTROL HEATED WEST COAST MIRROR

40% lighter than competitive similar models • Stainless steel housing resists corrosion • Complete wiring, control switch and simple installation instructions included

- 28461** Stainless Steel, Heated, Motorized  
**28463** Stainless Steel, Heated, Non-motorized

Material: Stainless Steel  
 Reflective: 94 sq. in.  
 Finish: Stainless  
 Volts / Amps: 12V / 3.1A  
 Accessory: C-Loop: 22233/22232  
 Bracket: 22013, 22063, 22061



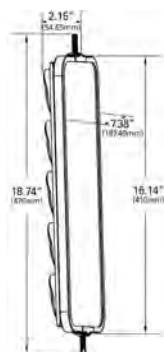
## ICE & FROST-FREE HEATED WEST COAST MIRROR

OEM-style, 7"x16" mirror head • Internal heating element

- 16053** Stainless Steel

Material: Stainless Steel  
 Reflective: 101 sq. in.  
 FMVSS: 111 Vehicles with GVWR greater than 10,000 lbs.  
 Finish: Stainless  
 Volts / Amps: 12V / 3.1A  
 Accessory: C-Loop: 22233/22232  
 Bracket: 22013, 22063, 22061

**LED**



## WEST COAST HEATED MIRROR WITH AUXILIARY LED TURN SIGNAL

Polished stainless steel construction • Back lights illuminate when marker lights are turned on • Mounting hardware included

- 16353** Stainless Steel, Universal Fit **RETAIL NEW**

Material: Stainless Steel  
 Reflective: 101 sq. in.  
 FMVSS: 111 Vehicles with GVWR greater than 10,000 lbs.  
 Finish: Polished  
 Volts / Amps: 12-14V/1.25A  
 Volts / Amps: 12-14V/1.5A Heater  
 Accessories: Glass with heater pad - 96050  
 Chrome bezel and rubber seal - 96051, 1.5" LED replacement - 96052

## WEST COAST MIRROR WITH CLEARANCE LIGHT

Double-strength silvered mirror • Blunt cut pigtail

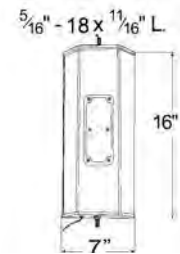
### 6" X 16" MIRROR:

- 16172** Black w/Light and Heated
- 16063** Stainless Steel, w/ Light
- 16173** Stainless Steel, w/ Light and Heated

### 7" X 16" MIRROR:

- 16223** Stainless Steel, w/ Light and Heated

Material: Stainless Steel, Steel  
 Reflective: 87 sq. in. (except 16223: 101 sq. in.)  
 FMVSS: 111 Vehicles with GVWR greater than 10,000 lbs.  
 Finish: Black/Stainless  
 Bulb: (2) 67, 4 CP  
 Volts / Amps: C/M Lamp - 12V / 1.18A  
 Volts / Amps: Heater - 12V / 3.1A  
 Accessory: C-Loop: 22233/22232  
 Bracket: 22013, 22063, 22061  
 Lens: Yellow 90393

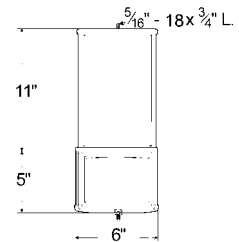


## OEM-STYLE SPLIT-FOCUS WEST COAST BOX MIRROR

Built-in adjustable convex blind spot mirror • Provides close-in side view  
 • Double-strength silvered mirror

- 16041** White Enamel
- 16043** Stainless Steel

Material: Stainless Steel, Steel  
 Reflective: 57 sq. in. flat area; 20 sq. in. convex  
 FMVSS: 111 Vehicles with GVWR greater than 10,000 lbs.  
 Finish: White/Stainless  
 Accessory: C-Loop: 22233/22232  
 Bracket: 22013, 22063, 22061



## OEM-STYLE WEST COAST BOX MIRROR

Double-strength silvered mirror • Weather-sealed in vinyl • Painted mirrors feature rugged powder coat finish

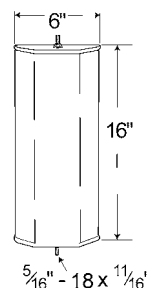
### 6" X 16" MIRROR:

- 16021** White
- 16023** Stainless Steel

### 7" X 16" MIRROR:

- 16123** Stainless Steel

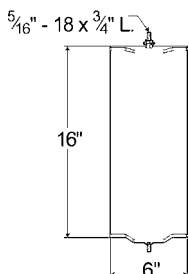
Material: Stainless Steel, Steel  
 Reflective: 87 sq. in. (16021, 16023); 101 sq. in. (16123)  
 FMVSS: 111 Vehicles with GVWR greater than 10,000 lbs.  
 Finish: White/Stainless  
 Accessory: C-Loop: 22233/22232  
 Bracket: 22013, 22063, 22061





# Mirrors

Rétroviseurs Espejos

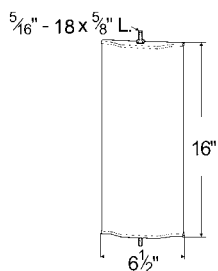


## ECONOMY WEST COAST MIRROR

Aluminum back mirror • 5/16" plated rod • Silvered mirror

### 16244 Aluminum

Material: Aluminum  
 Reflective: 87 sq. in.  
 Finish: Aluminum  
 Accessory: C-Loop: 22233/22232  
 Bracket: 22013, 22061, 22063

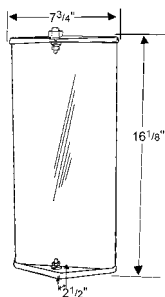


## ECONOMY WEST COAST MIRROR

Composite construction • Rigid warp-proof design features an aero wing, honeycomb-type structure

### 16202 Black

Material: Polypropylene  
 Reflective: 95 sq. in.  
 FMVSS: 111 Vehicles with GVWR greater than 10,000 lbs.  
 Finish: Black  
 Accessory: C-Loop: 22233/22232  
 Bracket: 22013, 22061, 22063



## NAVISTAR® ALUMINUM WEST COAST REPLACEMENT MIRROR

Anodized, polished aluminum finish (matches OE finish) • Glass-filled nylon end caps for durability and strength • Includes mounting hardware  
 • Heated mirrors feature molded Navistar® plug

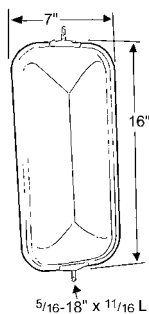
### 16284 Aluminum

#### HEATED MIRROR:

16294 Aluminum, Passenger Side

16304 Aluminum, Driver Side

Material: Aluminum/Nylon  
 Reflective: 101 sq. inch  
 FMVSS: 111 Vehicles with GVWR greater than 10,000 lbs.  
 Finish: Aluminum  
 Volts / Amps: Heated - 12V / 1.25A



## OEM-STYLE PEAK-BACK WEST COAST MIRROR

Distinctive pyramid-style back interchanges functionally and aesthetically with competitive units • Shock-resistant mirror glass mounting with a rugged outer gasket • Heated mirror features 5' jacketed power cable  
 • 5/16"-18 mounting stud

### 16273 Stainless Steel

### 16142 Black

#### HEATED MIRROR:

16153 Stainless Steel

Material: Stainless Steel, Steel  
 Reflective: 101 sq. inch  
 FMVSS: 111 Vehicles with GVWR greater than 10,000 lbs.  
 Finish: Black/Stainless  
 Volts / Amps: Heated - 12V / 1.25A  
 Accessory: C-Loop: 22233, 22232  
 Bracket: 22013, 22063, 22061

## OEM-STYLE BUBBLE-BACK WEST COAST MIRROR

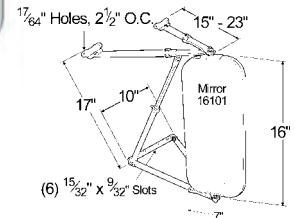
Double-strength silvered mirror • 7" x 16" mirror • Rugged powder coat finish

- 16101** White
- 16102** Black

### MIRROR & ARM ASSEMBLY

- 26021-5** White, w/Arm Assembly RETAIL

Material: Steel  
 Reflective: 93 sq. in.  
 FMVSS: 111 Vehicles with GVWR greater than 10,000 lbs.  
 Finish: White/Black  
 Accessory: C-Loop: 22233/22232  
 Bracket: 22013, 22061, 22063



## OEM-STYLE FLAT RIBBED-BACK WEST COAST MIRROR

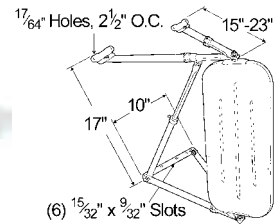
Double-strength silvered mirror • 7" x 16" mirror • Painted mirrors feature rugged powder coat finish

- 16091** White
- 16092** Black
- 16093** Stainless Steel

### MIRROR & ARM ASSEMBLY

- 26001-5** White, w/Arm Assembly RETAIL
- 26012-5** Black, w/Arm Assembly RETAIL

Material: Stainless Steel, Steel  
 Reflective: 93 sq. in.  
 FMVSS: 111 Vehicles with GVWR greater than 10,000 lbs.  
 Finish: White/Black/Stainless  
 Accessory: C-Loop: 22233/22232  
 Bracket: 22013, 22063, 22061

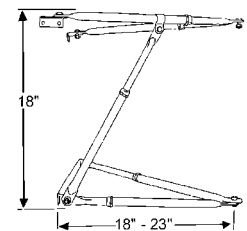


## WEST COAST MIRROR BRACKET ASSEMBLY

Complete kit includes mirror arms, mounting, hardware and instructions  
 • Rigid mounting for West Coast style mirrors • Accommodates additional spot mirrors

- 22013** Stainless Steel

Material: Stainless Steel

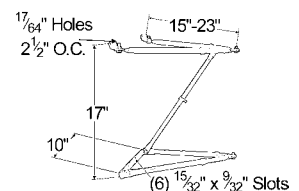


## CUSTOM WEST COAST MIRROR BRACKET ASSEMBLY

Bracket assembly for personal design • Braces included • Fully adjustable from 18" to 23"

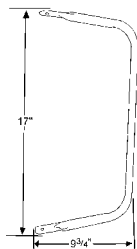
- 22061** White, Powder Coated
- 22063** Chrome Plated

Material: Steel  
 Finish: White/Chrome



# Mirrors

Rétroviseurs Espejos



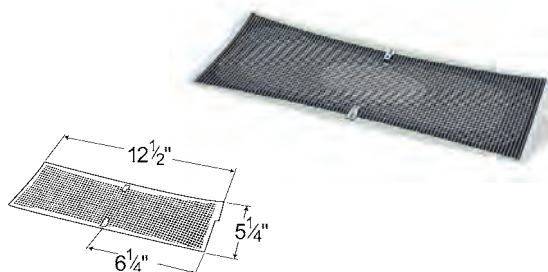
## C-LOOP BRACKET

Can be used in conjunction with most West Coast bracket assemblies  
 • Allows for adjustable, "break-away" mounting of any 7"x16" or 6"x16" West Coast mirror • Accommodates additional stack-on spot mirrors

**22233** Stainless Steel

**22232** Black

Material: Stainless Steel, Steel  
 Finish: Black/Stainless

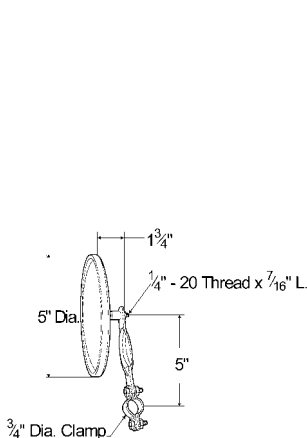


## WEST COAST HEATING ELEMENT REPLACEMENT

Defroster element fits West Coast style mirrors • Water resistant  
 • 40 Watts • Fits 6" x 16" or 7" x 16" West Coast Mirrors

**29060** Element

Material: Adhesive Black Heated Board  
 Volts / Amps: 12V - 3.1 AMP



## 5" ROUND CLAMP-ON SPOT MIRROR

Provides wider vision • Includes arm and clamp to attach securely to mirror arm • Single-strength silvered mirror

### 5" CONVEX:

**28031** White, Powder Coated, w/ Arm Assembly

**28032** Black, Powder Coated, w/ Arm Assembly

**28033** Stainless Steel, w/ Arm Assembly

**28033-5** Stainless Steel, w/ Arm Assembly

RETAIL

### 5" FLAT GLASS:

**28162** Black, Powder Coated, w/ Arm Assembly

**28152** Black w/ "L" Bracket

Material: Stainless Steel, Steel  
 FMVSS: 111 Vehicles with GVWR greater than 10,000 lbs.  
 Reflective: 20 sq. in.  
 Finish: Stainless, White, Black  
 Accessory: Extension Arm: 10073



## 6" CONVEX CENTER-MOUNT SPOT MIRROR

Features stainless steel construction and adjustable ball swivel  
 • Available with or without 'L' bracket

### MIRROR HEAD ONLY

**12053** Stainless Steel

**12052** Black

### MIRROR HEAD AND "L" BRACKET

**28663** Stainless Steel

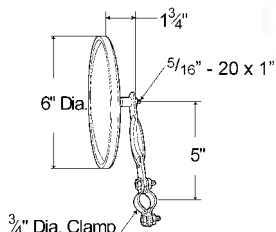
### MIRROR HEAD AND ARM ASSEMBLY

**28041** White, Powder Coated

**28042** Black, Powder Coated

**28043** Stainless Steel

Material: Stainless Steel, Steel  
 FMVSS: 111 Vehicles with GVWR greater than 10,000 lbs.  
 Reflective: 28 sq. inch  
 Finish: Stainless, White, Black  
 Accessory: Arm Assembly: 10173 (with "L" Bracket)  
 Bracket: 11303 ("L" Bracket Only); 10073 (Arm Assembly Only)



## 8" CONVEX MIRROR WITH LED AUXILIARY TURN SIGNAL

Polished stainless steel construction • LED directional signals both front and rear facing • Mounting hardware included

**12133** Stainless Steel, RH RETAIL NEW

**12143** Stainless Steel, LH RETAIL NEW

Material: Stainless Steel

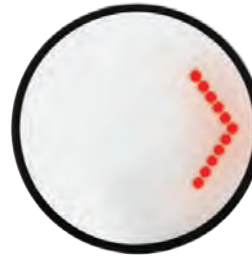
Reflective: 46 sq. in.

Finish: Stainless

Volts / Amps: 12-14V/.28A LED arrow

Accessories: 8" mirror housing: LH - 96040, RH - 96041

Mounting bracket - 96042; Turn Lamp - 96043; Chrome Bezel - 96044



## 8" ROUND CONVEX MIRROR WITH CENTER-MOUNT BALL-STUD

Three-screw stud tightens firmly • 1/4" UNC female ball stud • Painted mirrors feature rugged powder coat finish • Heated mirror includes 60" two-conductor jacketed blunt-cut cable and adhesive heater board (12283)

**12182** Black

**12183** Stainless Steel

**12293** Stainless Steel with Attached "L" Bracket

### HEATED MIRROR:

**12283** Stainless Steel

### PLASTIC HOUSING:

**12983** Chrome

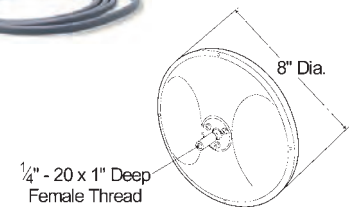
Material: Stainless Steel Steel/Polypropylene

Reflective: 46.7 sq. in.

Finish: Stainless, Black, Chrome

Volts / Amps: 12V / 1.18 AMP

Bracket: 11133



## 8" ROUND CONVEX MIRROR WITH OFFSET BALL-STUD

Easy mounting in tight installations • Ball-stud offset 2" from center • Heated mirror includes 60" two-conductor jacketed blunt-cut cable and adhesive heater board (12813)

**12172** Black, Powder Coated

**12173** Stainless Steel

### HEATED MIRROR:

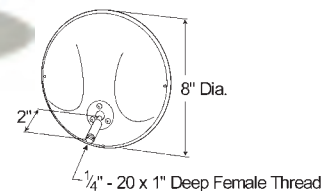
**12813** Stainless Steel

Material: Stainless-Steel, Steel

Reflective: 46 sq. in.

Finish: Stainless, Black

Volts / Amps: 12V / 1.18 AMP



## 8 1/2" CONVEX MIRROR WITH CENTER-MOUNT, BALL-STUD

Adjustable ball stud mounting • Single strength, silvered mirror • Includes "L" Bracket

**16033** Stainless Steel

**16032** Black

### PLASTIC HOUSING:

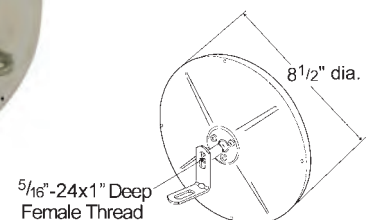
**12983** Chrome

Material: Stainless Steel, Steel/Polypropylene

Reflective: 56 sq. inch

Finish: Stainless, Black, Chrome

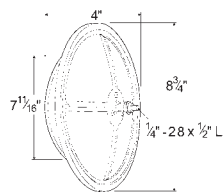
Bracket: 11303





# Mirrors

Rétroviseurs Espejos



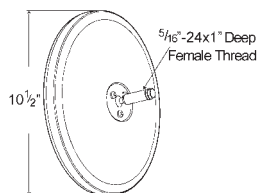
## 8" ELLIPTICAL MIRROR

Eliminates blind spots • Optimum crossover viewing  
• 4 1/4" radius x 7 11/16" dia.

**12272-5** Black, Mirror Head Only

RETAIL

Material: Steel/Acrylic  
Reflective: 45 sq. in.  
Finish: Black



## CONVEX MIRROR WITH CENTER MOUNT

Popular for highway service vehicles • Reinforced internal retainers  
• Large steel ball-stud for precise positioning • Replacement for 10 1/2" crossover mirrors

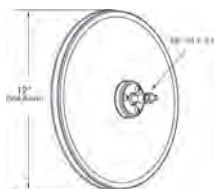
**10 1/2" CONVEX MIRROR:**

**12010** Stainless Steel

**12" CONVEX MIRROR:**

**12020** Gray, 3/8 - 24 11/16, Deep-Thread Ball-Stud

Material: Stainless Steel / Steel  
Reflective: 10 1/2" - 95 sq. in./12" - 135 sq. in.  
Finish: Stainless/Gray



## ADJUSTABLE MIRROR ASSEMBLY

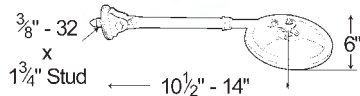
Arm adjustable from 10" to 13" • Swivel bracket enables precise adjustment • Chrome arm and brackets

**28193** 6" Mirror (12053) and Adjustable Arm Assembly

**ARM ASSEMBLY ONLY**

**10433** Arm & Swivel Bracket Only

Material: Stainless Steel (12053), Steel (10433)  
Reflective: 26 sq. in.  
Finish: Stainless (mirror head)/Chrome (arm assembly)



## CONVENTIONAL FENDER-MOUNT MIRROR

8" stainless steel convex mirror • Stainless steel brackets • Bell cup mounting for fiberglass fenders • Grote 8" convex mirror (12182/3) will fit bracketry

**28443** Stainless Steel (Assembly Including Mirror)

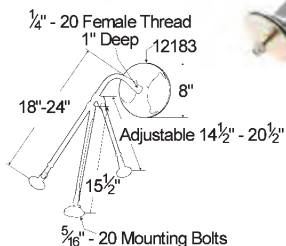
**ARM ASSEMBLY ONLY**

**22193** Stainless Steel

**MIRROR HEAD ONLY**

**12183** Stainless Steel

Material: Stainless Steel  
Reflective: 46 sq. in.  
Finish: Stainless



## SCHOOL BUS EXTERIOR BLIND SPOT MIRROR

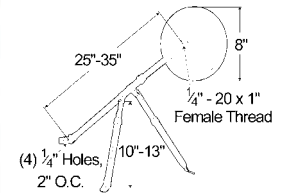
Meets state laws for blind spot visibility • Zinc-plated bracketry  
• 8" convex mirror

- 28063** Vertical-Mount Assembly, Stainless Steel
- 11195** Bracket Only w/o Mirror

### MIRROR HEAD ONLY

- 12183** Stainless Steel

Material: Stainless Steel, Steel  
Reflective: 46 sq. in.  
Finish: Stainless

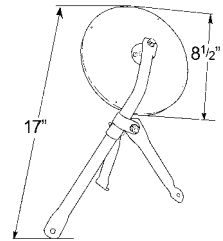


## 8 1/2" CONVEX CROSS-OVER MIRROR

Ideal for improving safety on straight trucks and delivery trucks  
• Features rugged tripod mount for front or rear

- 28481** White, Mirror Assembly

Material: Steel  
Reflective: 56 sq. in.  
Finish: White

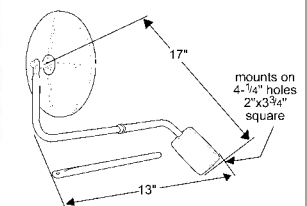


## HOOD-MOUNTED MIRROR

Bright stainless steel finish • Assembly comes with both a curved and straight extension for improved vision and range of application  
• Kit includes backing plate, gasket, mounting hardware, and instructions  
• 8 1/2" convex stainless steel mirror head included

- 12153** Stainless Steel

Material: Stainless Steel  
Reflective: 56 sq. inch  
Finish: Stainless

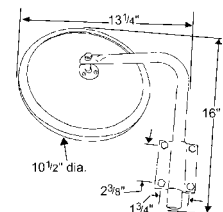


## 10 1/2" CONVEX CROSS-OVER MIRROR

Ideal for improving safety on straight trucks and delivery trucks • Features rigid 90° bracket

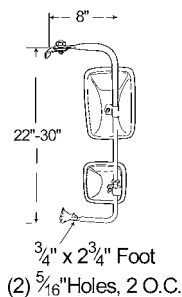
- 28491** White, Mirror Assembly
- 28493** Stainless Steel, Mirror Assembly

Material: Stainless Steel, Steel  
Reflective: 95 sq. in.  
Finish: Stainless/White



# Mirrors

Rétroviseurs Espejos



## SPLIT MIRROR

Swing-away feature with detent • Fits right or left side • Top mirror is 6 1/2" x 10" flat glass • Bottom mirror is 6 1/2" x 6" convex

**28451** White  
**28453** Stainless Steel

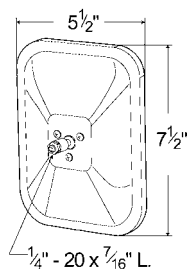
### REPLACEMENT 6 1/2" X 10" MIRRORS:

**12301** White  
**12303** Stainless Steel

### REPLACEMENT 6 1/2" X 6" MIRRORS:

**12331** White  
**12333** Stainless Steel

Material: Stainless Steel, Steel  
Reflective: 10" : 56 sq. in. 6" : 33 sq. in.  
Finish: Stainless/White



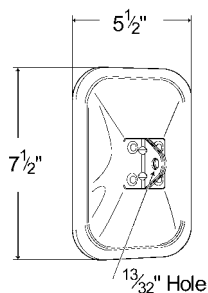
## ROLLED-RIM MIRROR WITH BALL SWIVEL

1/4" - 20" x 7/16" ball swivel • Painted mirrors feature rugged powder coated finish

**12071** White  
**12072** Black  
**12073** Stainless Steel  
**12073-5** Stainless Steel

RETAIL

Material: Stainless Steel, Steel  
Reflective: 33 sq. in.  
Finish: Stainless, White, Black



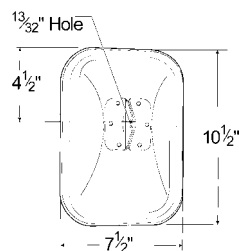
## ROLLED-RIM MIRROR WITH CENTER MOUNT

Inner glass cushion

**12243-5** Stainless Steel

RETAIL

Material: Stainless Steel  
Reflective: 33 sq. in.  
Finish: Stainless



## BELOW-EYE-LEVEL MIRROR

Offset mount • 7 1/2" x 10 1/2" mirror • Painted mirrors feature rugged powder coated finish

**12111-5** White  
**12112-5** Black  
**12113-5** Stainless Steel

RETAIL

RETAIL

RETAIL

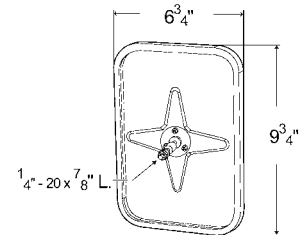
Material: Stainless Steel, Steel  
Reflective: 61 sq. in.  
Finish: Stainless, White, Black

## OUTER PROTECTIVE BUMPER MIRROR

Ball swivel • 7" x 10" rectangular mirror • Features rugged powder coated finish

- 12101** White
- 12102** Black

Material: Steel  
 Reflective: 52 sq. in.  
 Finish: White, Black



## SUPER TRIPOD-MOUNT MIRROR

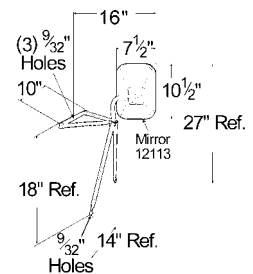
Stainless steel tripod brackets • Offset mounting • Flips to total field of vision • Jumbo 7 1/2" x 10 1/2" stainless steel head

- 28323-5** Stainless Steel RETAIL

**MIRROR HEAD:**

- 12113-5** Stainless Steel RETAIL
- 12111-5** White RETAIL

Material: Stainless Steel  
 Reflective: 61 sq. in.  
 Finish: Stainless  
 Accessory: 90° Arm: 10623; Extension Arm: 10083

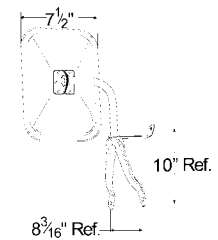


## VERSATILE TRIPOD MIRROR

For Chevrolet®, GMC®, Ford® and other pickups • Universal mounting; 7 1/2" x 10 1/2" mirror head • Painted mirrors feature rugged powder coat finish

- 28091-5** White RETAIL
- 28093-5** Stainless Steel RETAIL

Material: Stainless Steel/Steel  
 Reflective: 60 sq. in.  
 Finish: Stainless/White  
 Accessory: 90° Arm: 10623

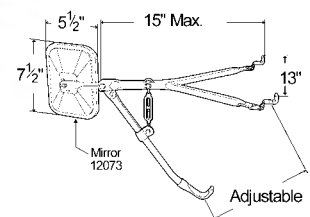


## TRAILER HAUL FENDER-MOUNT MIRROR

Fits left or right side • Exclusive clip protrusions • Clamps are coated to protect against marring finish

- 28083-5** Stainless Steel Mirror Head, Chrome Arms RETAIL

Material: Stainless Steel, Steel  
 Reflective: 33 sq. in.  
 Finish: Stainless

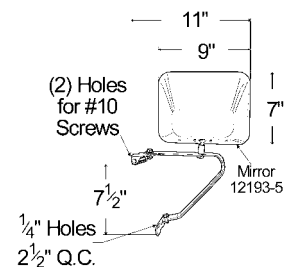


## 50" WIDE-VIEW MIRROR

OEM-styled mirror, fits right or left side • Two-screw ball swivel • Fits full-size pickup trucks and vans

- 28293-5** Stainless Steel RETAIL
- 12193-5** Stainless Steel, Mirror Only RETAIL

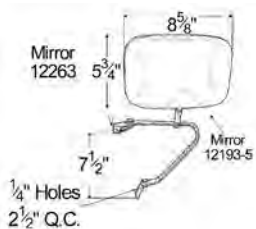
Material: Stainless Steel  
 Reflective: 50 sq. in.  
 Finish: Stainless





# Mirrors

Rétroviseurs Espejos

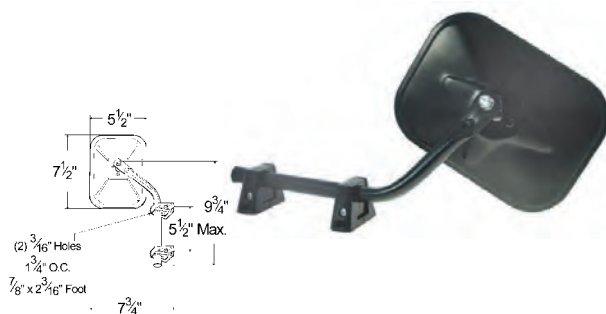


## FORD® TRUCK & VAN MIRROR

Swings back against body on impact • Memory detent locks back into original position

**28393-5** Chrome Mirror w/ Anodized Aluminum Bracket **RETAIL**  
**12263-5** Mirror Only **RETAIL**

Material: Steel, Aluminum  
 Reflective: 38 sq. in.  
 Finish: Aluminum

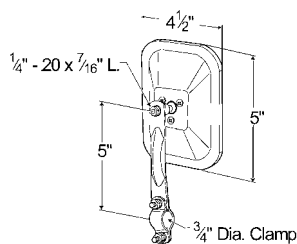


## MINI-TRUCK MIRROR

Fits door contours of mini-import trucks • Easy-to-mount, plastic connectors  
 • 5 1/2" x 7 1/2" mirror head

**28252-5** Black, Powder Coated **RETAIL**

Material: Steel  
 Reflective: 33 sq. in.  
 Finish: Black

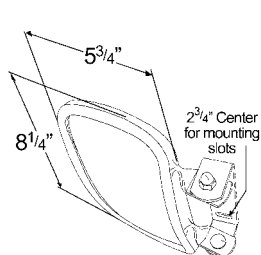


## RECTANGULAR STACK & SPOT MIRROR

Greater coverage of blind spots • Includes arm and clamp  
 • Painted mirrors feature rugged powder coated finish

**28051** White w/ Arm Assembly  
**12122** Black, Mirror Only

Material: Steel  
 Reflective: 20 sq. in.  
 Finish: White/ Black



## RECTANGULAR OVER-THE-DOOR CONVEX MIRROR

9/16" x 5/16" mounting holes • For "look-down" mirror applications over passenger side door

**28763** Over Door Convex

Material: Stainless Steel  
 Reflective: 26 sq. in.  
 Finish: Stainless

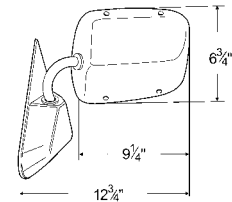
## CHEVY® / GMC® FULL-SIZE TRUCK MIRROR

Replaces vent window mirror mount original equipment on '88 to '96 Chevrolet® / GMC® full-size pickups • Mounting hardware included  
• RH has convex glass

**28423-5** RH, w/ Convex Glass  
**28433-5** LH



Material: Stainless Steel/Steel  
Reflective: 62 sq.in.  
Finish: Black, Stainless



## CHEVY® TAHOE MIRROR ASSEMBLY

OEM-style replacement • Fits Chevy® Tahoe® /Surburban® 1995-1999

**28812-5** RH, Electric  
**28832-5** RH, Manual  
**28842-5** LH, Manual



Material: Polycarbonate  
Finish: Black



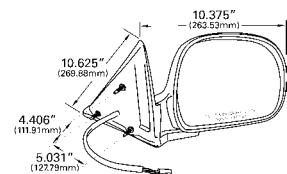
## GMC® JIMMY MIRROR ASSEMBLY

OEM-style replacement mirror • Fits GMC® Jimmy® 1995-1997 (electric)  
• Fits GMC® Jimmy® 1995-1998 (manual)

**28872-5** RH, Manual  
**28882-5** LH, Manual



Material: Polycarbonate  
Finish: Black



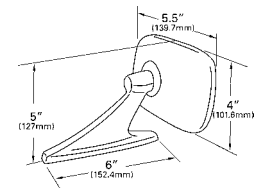
## UNIVERSAL REPLACEMENT MIRROR

Lock-tight swivel • Fits both right and left side • Chrome finish  
• Glass cushioned in weatherproof vinyl

**18103-5** Rectangular



Material: ABS  
Finish: Chrome



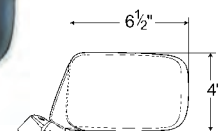
## EUROPEAN WEDGE STYLE MIRROR

Fits both right and left side

**18252-5** Black



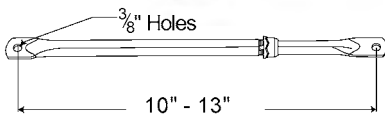
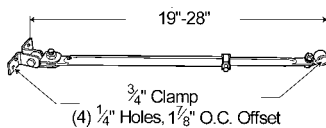
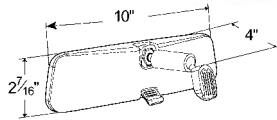
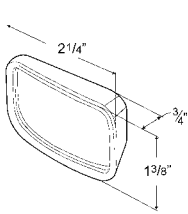
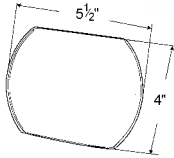
Material: Polypropylene  
Finish: Black



Mounting Base 4 1/2" overall L.  
Mounting Holes 1 1/2" - 3 3/4" O.C.

# Mirrors

Rétroviseurs Espejos



## STICK-ON CONVEX MIRROR

Extends driver's view • Bonds instantly • Single-strength silvered mirror  
• Aluminum mirror back

### ROUND:

<b>12004</b>	3"	
<b>12004-5</b>	3"	RETAIL
<b>12014</b>	3 3/4"	
<b>12014-5</b>	3 3/4"	RETAIL
<b>12201-5</b>	2"	RETAIL

### RECTANGULAR:

<b>12164</b>	4" x 5 1/2"	
<b>12164-5</b>	4" x 5 1/2"	RETAIL

Material: Aluminum  
FMVSS: 96 hr corrosion test per ASTM B 117, will withstand 30 lb. pull test  
Finish: Aluminum

## HOT SPOT MIRROR

Fits any flat surface • Weather-resistant high-strength adhesive

**12312-5** Black RETAIL

Material: Polypropylene  
Finish: Black

## 10" INSIDE REAR VIEW MIRROR

Non-glare adjustment lever • OEM styling • Includes mirror, mount, instructions, and adhesive

**18302-5** Black RETAIL

Material: Polypropylene  
Finish: Black

## HEAVY-DUTY ADJUSTABLE BRACE ARM

19"-28" • Zinc-coated steel

**10025** Adjustable Arm

Material: Steel  
Finish: Zinc

## ADJUSTABLE MIRROR ARM

Features rugged powder coated finish

### 10" - 13" ARM:

**10002** Black

### 14" - 22" ARM:

**10012** Black

**10013** Chrome

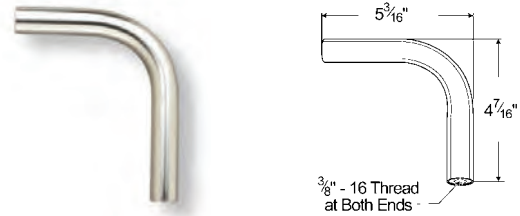
Material: Steel  
Finish: Black, Chrome

## 90° EXTENSION ARM

4 1/2" offset length

**10623** Aluminum

Material: Aluminum  
Finish: Chrome



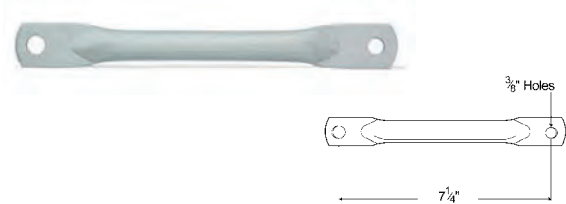
## 8" FLAT MIRROR ARM

Silver metallic powder coated finish

**10045** Silver Finish

RETAIL

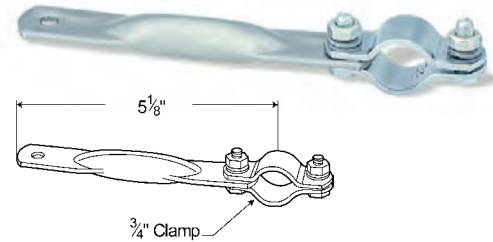
Material: Steel  
Finish: Silver metallic



## EXTENSION ARM & CLAMP ASSEMBLY FOR STACK MIRRORS

**10073** Extension Arm

Material: Stainless Steel  
Finish: Stainless



## UNIVERSAL MOUNTING KIT

Complete kit includes extension arm, clamp mounting, and hardware  
• Perfect for adding on spot mirrors • Suited for 5" and 6" spot mirrors

**10173** "L" Bracket

Material: Stainless Steel, Steel



## STAINLESS STEEL "L" BRACKET

Allows mounting of convex mirror on West Coast mirror bracket

**11133** Stainless Steel

Material: Stainless Steel



## THROUGH-HOLE STYLE "L" BRACKET

Rugged construction • Perfect accessory for adding on spot mirrors  
• For 3/4" mirror arm tubing

**11303** "L" Bracket

Material: Stainless Steel



## TUBE CLAMP

Kit includes clamp and hardware • Perfect accessory for adding spot mirrors  
• Rugged, bright stainless steel bracket construction

**11293** 3/4" Clamp, 3/8" Holes

Material: Stainless Steel, Steel





# Trailer Wiring and Communications Systems

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## ULTRALINK™ ABS POWER CORDS

Provides superior power delivery, exceeds power delivery minimum legal lamp requirements for single or double trailer configurations • UltraLink™ zinc die-cast plugs are filled with elastomeric material that resists crushing and acts as potting to seal solid brass terminals from moisture • Special adhesive bonds the cable to the plug, eliminating the need for a supporting spring and preventing moisture from entering the back of the plug • Solid brass terminals are corrosion resistant, and provide superior current capacity with minimal voltage drop • Provides excellent recoil memory, chemical, and abrasion resistance (Coiled versions) • Advanced polymer jacketing material provides complete sealing and abrasion protection between -55°F and 190°F (Premium versions)

### COILED:

<b>87100</b>	1/8-2/10-4/12, 12', w/12" Leads, Coiled	
<b>87103</b>	1/8-2/10-4/12, 12', w/12" Leads, Coiled, Premium	<b>NEW</b>
<b>87101</b>	1/8-2/10-4/12, 15', w/12" Leads, Coiled	
<b>87104</b>	1/8-2/10-4/12, 15', w/12" Leads, Coiled, Premium	<b>NEW</b>
<b>87170</b>	1/8-2/10-4/12, 15', w/48" and 12" Leads, Coiled	<b>NEW</b>
<b>87105</b>	1/8-2/10-4/12, 20' w/36" and 12" Leads, Coiled, Premium	<b>NEW</b>

### STRAIGHT:

<b>87171</b>	1/8-2/10-4/12, 12', Straight	<b>NEW</b>
<b>87172</b>	1/8-2/10-4/12, 15', Straight	<b>NEW</b>

Material: Polyurethane (Premium), EVA (Standard)  
FMVSS: J560b, J2222, J2394  
Finish: Green



## ULTRALINK™ POWER CORDS (NON-ABS)

Provides superior power delivery, exceeds power delivery minimum legal lamp requirements for single or double trailer configurations • UltraLink™ zinc die-cast plugs are filled with elastomeric material that resists crushing and acts as potting to seal solid brass terminals from moisture • Special adhesive bonds the cable to the plug, eliminating the need for a supporting spring and preventing moisture from entering the back of the plug • Solid brass terminals are corrosion resistant, and provide superior current capacity with minimal voltage drop • Provides excellent recoil memory, chemical, and abrasion resistance (Coiled versions) • Advanced polymer jacketing material provides complete sealing and abrasion protection between -55°F and 190°F (Premium versions)

### COILED:

<b>87110</b>	1/12-6/14, 12', w/12" Leads	
<b>87020</b>	1/10-6/12, 12', w/12" Leads, HD	
<b>87111</b>	1/12-6/14, 15', w/12" Leads	
<b>87023</b>	1/10-6/12, 15', w/12" Leads, HD	
<b>87181</b>	1/10-6/12, 15', w/48" and 12" Leads, HD	<b>NEW</b>
<b>87112</b>	1/12-6/14, 15', w/72" and 12" Leads	<b>NEW</b>
<b>87180</b>	1/10-6/12, 15', w/72" and 12" Leads, HD	<b>NEW</b>

### STRAIGHT:

<b>87182</b>	1/10-6/12, 15'	<b>NEW</b>
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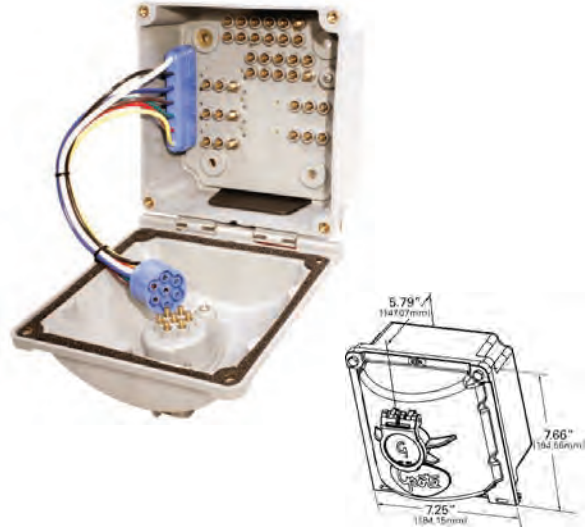
Material: Advanced Polymer (HD), EVA (Standard)  
FMVSS: J560, J2222  
Finish: Black

## ULTRA NOSE BOX®

Replaceable 7-pin insert for easy maintenance • 39-pin connections eliminates overcrowding of wires • Hinged door keeps elements out, while providing easy access • Insert-molded pins helps prevent accidental disconnects

- 87140**    Gray, Solid Pin
- 87150**    Gray, Split Pin

Material: Nylon  
 FMVSS: J560  
 Finish: Gray  
 Accessory: 7-pin insert: 97900 (solid pin), 97800 (split pin)  
 Replacement Door Kit: 97910 (spring, pin, door)  
 Rubber Grommet: 97810  
 Pigtail: 01-6623-P9  
 20A Circuit Breaker: 01-6624-W4



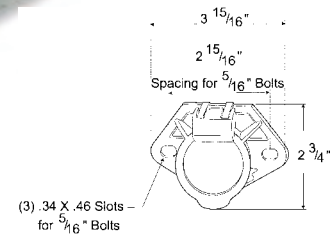
## ULTRAPIN RECEPTACLE TWO-HOLE MOUNT

No-rust, die-cast zinc • Heavy bosses for extra rigidity • Barrel slanted to drain moisture • Mounting holes slotted for universal fit • Floating pins for easy alignment and solid mating • Two male terminals for grounding • Brass pins • 87270 includes 99510 retrofit kit • 99510 consists of 14 terminals and 9 boots

- 87250**    Receptacle Only, Split Pin
- 87860**    Receptacle Only, Solid Pin
- 87270**    Receptacle w/ Terminal Kit, Split Pin

**RETROFIT KIT**  
**99510**    Plug-In Terminal Kit

Material: Die-cast Zinc  
 FMVSS: J560



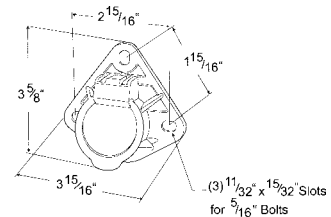
## ULTRA-PIN RECEPTACLE THREE-HOLE MOUNT

No-rust, die-cast zinc • Heavy bosses for extra rigidity • Barrel slanted to drain moisture • Mounting holes slotted for universal fit • Floating pins for easy alignment and solid mating • Two male terminals for grounding • Brass Pins • 87240 includes 99510 retrofit kit • 99510 consists of 14 terminals and 9 boots

- 87240**    Receptacle w/ Terminal Kit, Split Pin
- 87220**    Receptacle Only, Split Pin

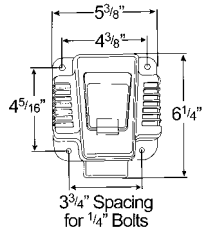
**RETROFIT KIT**  
**99510**    Plug-In Terminal Kit

Material: Die-cast Zinc  
 FMVSS: J560



# Trailer Wiring and Communications Systems

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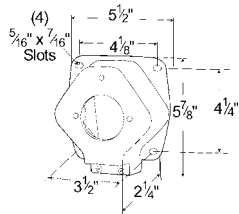


## ULTRA-PIN™ RECEPTACLE FOUR-HOLE MOUNT NOSE BOX

Extra heavy bosses • Slanted barrel for drainage • Floating pins for easy alignment and solid mating connection • High impact retainer plate  
• Brass pins • Die-cast aluminum housing resists rust

**87590** Solid Pin  
**87830** Split Pin

Material: Die-cast Aluminum



## RECEPTACLE MOUNTING BOX

Mounting for 87250, 87860, 87270, 87220, 87850, 87240

**43684** Receptacle Box

Material: Cast Aluminum



## RETROFIT PLUG-IN TERMINAL KIT

Plugs into 87220, 87850, 87250, 87860, 87590 and 87830 receptacles • Kit contains 9 boots and 14 terminals • 5 terminals for larger gauge wire

### RETROFIT KIT

**99510** Plug-In Terminal Kit

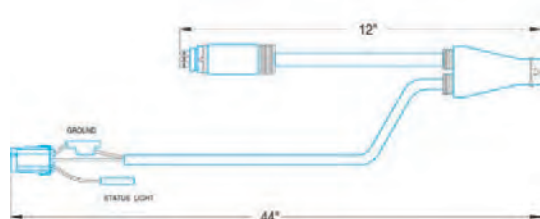


## UBS® MAIN HARNESS

Extends from front of nose box or receptacle and provides sealed plug-in connection to real sill harness

### 1-8 GAUGE, 2-10 GAUGE, 4-12 GAUGE:

**66071** 60' Long  
**66081** 35' Long



## UBS® MAIN HARNESS ABS ADAPTER

Junction between main harness and real sill harness • Provides sealed plug-in connection and a drop-out extension for ABS • Ground return  
• ABS fault lamp connection

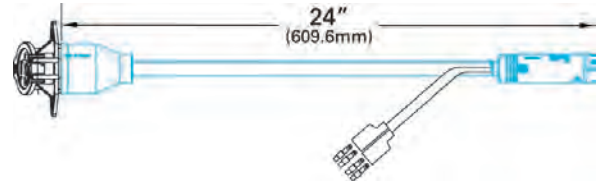
### ABS FAULT LIGHT:

**66705** 12" Long

## UBS® 7-CONDUCTOR RECEPTACLE MAIN HARNESS

Ultra-Pin™ receptacle is overmolded • Two-hole mount, solid pin (87860)

- 01-6608-E9      Main Harness with Drop
- 01-6608-F9      Main Harness

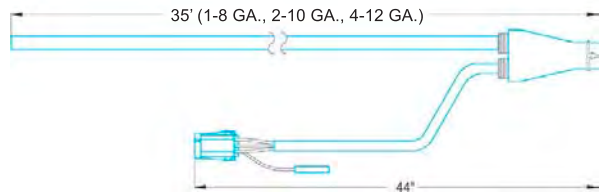


## UBS® MAIN HARNESS 44" ABS DROP-OUT

Provides sealed plug-in connection to rear sill harness • Drop-out extends to ABS universal connector • Blunt-cut, 7-conductor cable

- 1-10 GAUGE, 6-12 GAUGE:**
- 66701      60' Long

- 1-8 GAUGE, 2-10 GAUGE, 4-12 GAUGE:**
- 66702      35' Long

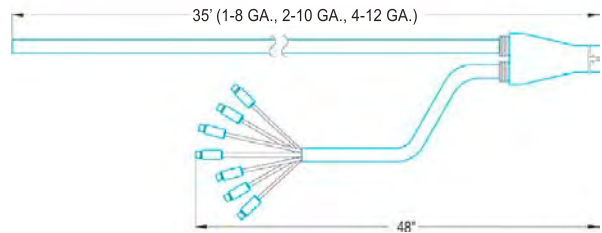


## UBS® MAIN HARNESS 48" DROP-OUT FOR DOUBLE-TRAILER CONNECTION

Provides sealed plug-in connection to rear sill harness • Drop-out extends to receptacle at rear of trailer • Blunt-cut, 7-conductor cable • Use only with LED lighting

- 1-8 GAUGE, 2-10 GAUGE, 4-12 GAUGE:**

- 66311      60' Long
- 66711      35' Long



## UBS® HARNESS REAR SILL OPTION

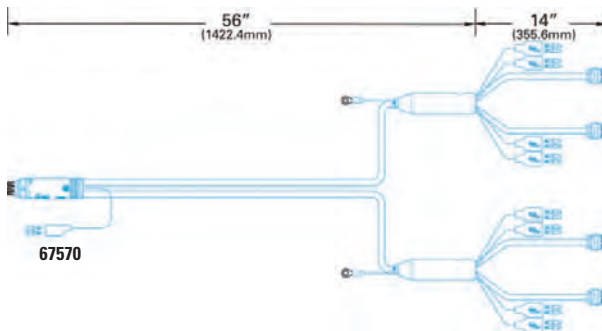
All connections weather-sealed by simple, foolproof UBS plugs • Entire harness double-jacketed for extra resistance to road-splash and abrasion • Redundant frame ground with ring terminal

- FOR FEMALE PIN LAMPS:**

- 67570      56" Long, Ground Return, Blue Drop
- 67571      56" Long, Ground Return, ABS Connection

- FOR MALE PIN LAMPS:**

- 67581      56" Long, Ground Return, Blue Drop
- 67580      56" Long, Ground Return, ABS Connection





# Trailer Wiring and Communications Systems

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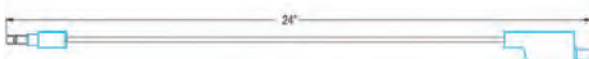


## UBS® GROUND RETURN TRACKING HARNESS

For use with elbow-style rear sill

STANDARD MALE/STANDARD FEMALE TO 2 SLIM-LINE UNDERLAMP FEMALES:

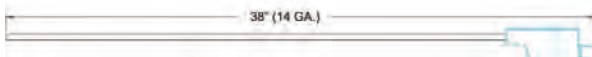
<b>66223</b>	2' Long
<b>66224</b>	3' Long



## CUT-TO-FIT® WIRE HARNESS SYSTEMS

This Cut-To-Fit® Wire Harness System adapts to the standard Grote Ultra-Blue-Seal® rear sill and main harness • Part number 67271 (24" standard male to Cut-To-Fit® Slim-Line jumper) plugs into elbow-style rear sill, making a corrosion-proof connection • Cut-To-Fit® jumpers can then be plugged directly into the double Slim-Line plugs • Cut-To-Fit® wire harness mates with the Grote 7-pin receptacle (nose box) with the use of either the 67260 adapter or the 67250

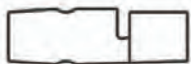
<b>67271</b>	Rear Sill Adapter
<b>67270</b>	Ground Return Adapter
<b>67260</b>	Nose Box Adapter
<b>67250</b>	Double Nose Box Adapter



## SLIM-LINE UNDER-LAMP FEMALES (CUT-TO-FIT®)

Abrasion-resistant double-jacketed wire lengths with molded-on Slim-Line under-lamp double females includes sealing boot for crimp-on bullet connectors • Blunt-cut, Cut-To-Fit® wires are black

<b>67301</b>	14-Gauge, 3' 2" (38")
<b>67302</b>	14-Gauge, 6' 8" (80")
<b>67303</b>	14-Gauge, 14' (168")
<b>67304</b>	14-Gauge, 25' 10" (310")
<b>67305</b>	14-Gauge, 34' 7" (415")
<b>67400</b>	12-Gauge, 1' 2" (14")
<b>67401</b>	12-Gauge, 3' 2" (38")
<b>67402</b>	12-Gauge, 6' 8" (80")
<b>67403</b>	12-Gauge, 14' (168")
<b>67404</b>	12-Gauge, 25' 10" (310")
<b>67405</b>	12-Gauge, 34' 7" (415")



99500-3



99501-3

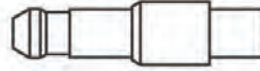
## CRIMP-ON .180 BULLET TERMINALS

<b>99500-3</b>	Field Service Terminal for 14-Gauge Wire
<b>99501-3</b>	Field Service Terminal for 12-Gauge Wire

## DUMMY PLUG (FOR SLIM-LINE PLUGS)

All open plugs should be sealed with a dummy plug

**99502**    Dummy Plug



## STANDARD MALE TO SLIM-LINE UNDER-LAMP FEMALE

Rear tracking lamp jumper

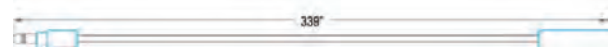
**66170**    2' (24")



## STANDARD MALE TO STANDARD FEMALE

66100 - License lamp jumper (as shown) • 66101 - Intermediate turn signal jumper, use with 66200 from front receptacle

**66100**    4' 4" (50")  
**66101**    28' 3" (339")



## SLIM-LINE UNDER-LAMP MALE TO STANDARD FEMALE

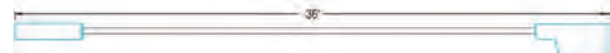
Jumper to access auxiliary drop-out on rear sill harness

**66110**    5' (60")



## STANDARD FEMALE TO DOUBLE SLIM-LINE UNDER-LAMP FEMALE

**66225**    Ground Jumper, 3' (36")



## SLIM-LINE UNDER-LAMP MALE TO SLIM-LINE UNDER-LAMP FEMALE

**66162**    Intermediate side marker crossover jumper, 8' 9" (105")



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## SLIM-LINE UNDER-LAMP MALE TO SLIM-LINE UNDER-LAMP FEMALE

- 66160** Multiple ID lamp jumper, 1' (12")
- 66124** Front marker and rear marker lamp jumper, 2' 6" (30")
- 66161** Front lower side marker from front receptacle. Use with 66190, 4' 7" (55")
- 66125** Marker lamp jumper, 7' (84")
- 66123** Marker lamp jumper, 10' 9" (129")
- 66163** Front upper clearance / marker from front receptacle. Use with 66190, 12' 8" (152")
- 66122** Marker lamp jumper 26' 11" (323")
- 66113** Clearance lamp jumper



## BLUNT-CUT TO DOUBLE SLIM-LINE UNDER-LAMP FEMALE

- 66190** Wire into front receptacle terminals, 8" blunt cut



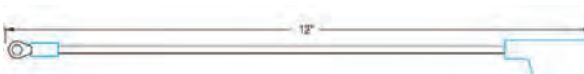
## BLUNT-CUT TO STANDARD FEMALE

- 66200** Wire into front receptacle terminals, 8" blunt cut



## BLUNT-CUT TO STANDARD FEMALE

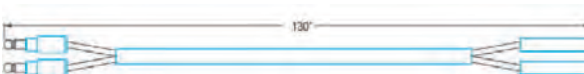
- 67315** 14-Gauge, 1' 2" (14")
- 67413** 12-Gauge, 1' 2" (14")



## DOUBLE SLIM-LINE FEMALE TO RING TERMINAL

Jumper accommodates insulated ground return system • Affixed to brass ground on rear sill harness • Crimp-on 1/4" ring terminal and heat-shrink tube supplied unattached

- 66210** Jumper, 12"



## TWO STANDARD MALES TO TWO SLIM-LINE UNDER-LAMP FEMALES

66220 - Use the 5306 combination clearance / marker and auxiliary stop / turn signal lamp, use with 66400 when triple-ID / Auxiliary stop is located on upper rail, 10' 10" (130")

- 66220** ID / auxiliary stop jumper
- 66121** Midturn and marker lamp harness, 30' (360")
- 66104** Midturn and marker lamp harness, 31' 2" (374")

## TWO SLIM-LINE MALES TO TWO SLIM-LINE UNDER-LAMP FEMALES



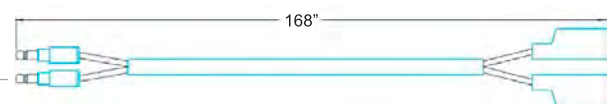
- 66221 Marker lamp or ABS fault lamp, 5' (60")
- 66222 Jumper, 8' (96")
- 66164 Jumper, 8' 9" (105")

## TWO STANDARD MALES TO TWO STANDARD FEMALES



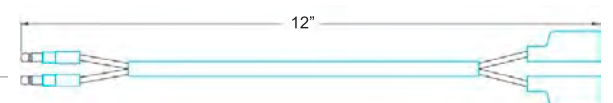
- 66133 Marker lamp jumper, 4' 4" (52")

## TWO STANDARD MALES TO TWO DOUBLE FEMALES



- 66171 Marker lamp jumper, 14' (168")
- 66145 Marker lamp jumper, 26' (312")
- 66143 Marker lamp jumper, 31' (372")
- 66141 Marker lamp jumper, 34' (408")

## TWO SLIM-LINE MALE TO TWO DOUBLE FEMALES



- 66165 Marker lamp jumper, 1' (12")
- 66155 Marker lamp jumper, 2' 6" (30")
- 66154 Marker lamp jumper, 4' 7" (55")
- 66153 Marker lamp jumper, 7' (84")
- 66152 Marker lamp jumper, 10' 9" (129")
- 66151 Marker lamp jumper, 12' 8" (152")
- 66150 Marker lamp jumper, 16' (192")
- 66135 Marker lamp jumper, 26' 11" (323")



# Pigtails, Brackets and Grommets

Spirales de Raccord, Bague de Montage et Supports Conectores / Soportes rígidos y flexibles



66930



66931



67001



66850



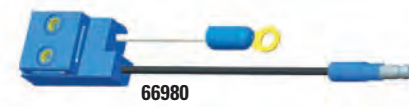
66851



66801



67050



66980



66981



66982



67120

## THIN-LINE LED PIGTAILS

Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system

- UBS sealing ring
- Uses patented double-seal protection
- Grease grooves for additional sealing protection
- Slim-Line .180 male

**66930** 5" Long, Chassis Ground System

**66931** 6" Long, Ground Return

## SEALED MARKER LAMP PIGTAILS

Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system

- Double seal resists corrosion
- Fits 2", and 2 1/2" round and beehive-style LED and incandescent lamps
- Slim-Line .180 male

### DOUBLE SEAL:

**67001** 6" Long, Ring Terminal Ground, Blunt Cut Wire

**67001-5** 6" Long, Ring Terminal Ground, Blunt Cut Wire

RETAIL

**66850** 6" Long, Chassis Ground

**66851** 6" Long, Ground Return

### SINGLE SEAL:

**66801** 6" Long, Ground Return

**67050** 6" Long, Ring Terminal Ground, Blunt Cut Wire

**67050-5** 6" Long, Ring Terminal Ground, Blunt Cut Wire

RETAIL

**66840** 6" Long, Chassis Ground, Standard .180 Male

**66800** 6" Long, Chassis Ground, Slim-Line .180 Male



66800



66840

## CLEARANCE / MARKER PIGTAILS

Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system

- Fits 4674 series clearance / marker lamps, and 4709 and 6029 / 6030 license and utility lamps
- Pigtail designed to be integral part of mounting bracket (43780)

**66980** 6" Long, Chassis Ground, Slim-Line .180 Male

**66981** 6" Long, Universal Replacement, Blunt Cut, Ring Terminal Grommet

**66982** 8" Long, Ground Return

## MARKER LAMP PIGTAIL

Fits all Grote 2-bulb marker lamps with flag terminals, including 4526-, 4546-, 4593-, 4630-, 4678- and 4679- series lamps

**67120** 7 3/4" Long, .180 Slim-Line Male

## SEALED, ECONOMY CLEARANCE/ MARKER LAMP PIGTAIL

Fits 4607 series lamps

**66360**    6 3/4" Long w/ 3/8" Wire Strip



## TURTLEBACK® II DOUBLE-SEAL LAMP PIGTAILS

Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system  
 • Pigtail for 4680-, 4684-, 4686- and 4687- series lamps • All connections fit under lamps

- 66910**    6" Long, Chassis Ground, Slim-Line .180 Male
- 66911**    6" Long, Ground Return, Standard .180 Male
- 67070**    2 1/2" Long, Ground Wire, Standard .180 Male
- 67071**    Two-Wire, Standard .180 Male



66910



66911



67070



67071

## SENTRY LAMP PIGTAILS

Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system  
 • Sealed plug-in pigtail for 5206-, 5202-, and 5306- lamps • O-ring helps prevent moisture and corrosion

- 66900**    6" Long, Chassis Ground, Slim-Line .180 Male, 3 1/2" Ground, Star Ring Terminal
- 66903**    Three-Wire, Standard .180 Male (5306 Lamps Only)
- 66904**    6" Long, Ground Return, Slim-Line .180 Male
- 66905**    6" Long, Chassis Ground, Slim-Line .180 Male



66900



66903



66905



66904

## SENTRY LAMP SINGLE FUNCTION 90° PIGTAIL

90° molded plug at lamp • Packard connector at power end (15300027)  
 • O-ring resists moisture and corrosion

**66920**    30" Long, 90° Plug



# Pigtails, Brackets and Grommets

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## SENTRY HIGH-MOUNT STOP PIGTAIL

Fits 54012 lamp • Sealin -ring to lamp base • O-ring resists moisture and corrosion

**66902** 6" Long, Slim-Line .180 Male, 3" Ground, Star Ring Terminal



## HIGH-MOUNT STOP LAMP PIGTAIL

Factory-molded plugs for use with the ULTRA-BLUE-SEAL® trailer wiring system • Fits 4925 series lamps for use in HMSL applications

**66870** 12 1/2" Long, Slim-Line .180 Male



66815

## STOP /TAIL /TURN THREE-WIRE PLUG-IN PIGTAILS FOR MALE PIN LAMPS

Dual function for S/T/T lamps • O-ring seal resists moisture and corrosion • Quality ULTRA-BLUE-SEAL® construction • Grease grooves for additional sealing protection

**66815** 6" Long, Ground Return, Slim-Line .180 Male

**66841** 8" Long, Chassis Ground, Slim-Line .180 Male

**67002** 11" Long, Chassis Ground, Blunt Cut Wire



66841



67002



66816

## STOP /TAIL /TURN THREE-WIRE 90° PLUG-IN PIGTAILS FOR MALE PIN LAMPS

Dual function for S/T/T lamps • O-ring seal resists moisture and corrosion • 90° plug for reduced clearance applications • Quality ULTRA-BLUE-SEAL® construction • Grease grooves for additional sealing protection

**66816** 6" Long, Ground Return System, 90° Plug, Slim-Line .180 Male

**66845** 8" Long, Chassis Ground, 90° Plug, Slim-Line .180 Male

**67005** 11" Long, Chassis Ground, 90° Plug, Blunt Cut Wires



66845



67005



67013

## STOP /TAIL /TURN TWO-WIRE PLUG-IN PIGTAILS FOR MALE PIN LAMPS

Straight-in pigtail • Single function • O-ring seal resists moisture and corrosion • Quality ULTRA-BLUE-SEAL® construction • Grease grooves for additional sealing protection

**67013** 11" Long, Chassis Ground, Blunt Clut Wire

**66842** 10" Long, Chassis Ground, Slim-Line .180 Male



66842

## STOP /TAIL /TURN TWO-WIRE 90° PLUG-IN PIGTAILS FOR MALE PIN LAMPS

Factory-molded plugs for use with quality ULTRA-BLUE-SEAL® trailer wiring system • 90° plug for reduced clearance applications • Single function  
 • O-ring seal resists moisture and corrosion • Grease grooves for additional sealing protection

- 66846**    10" Long, Chassis Ground, 90° Plug, Slim-Line .180 Male
- 67016**    11" Long, Chassis Ground, 90° Plug, Blunt Cut Wires



66846



67016

## STOP /TAIL /TURN THREE-WIRE PLUG-IN PIGTAILS FOR FEMALE PIN LAMPS

Dual function for S/T/T lamps • Factory molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system

- 66812**    6" Long, Chassis Ground, Slim-Line .180 Male
- 66825**    8" Long, Ground Return, Slim-Line .180 Male
- 67000**    11 1/2" Long, Chassis Ground, Blunt Cut Wires



66812



66825



67000

## STOP /TAIL /TURN THREE-WIRE 90° PLUG-IN PIGTAILS FOR FEMALE PIN LAMPS

Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system  
 • Dual function for S/T/T lamps

- 66811**    18" Long, Chassis Ground, Slim-Line .180 Male, Star Ring Terminal
- 66843**    18" Long, Chassis Ground, Blunt Cut Wires, Star Ring Terminal
- 66843-5**    18" Long, Chassis Ground, Blunt Cut Wires, Star Ring Terminal **RETAIL**
- 66844**    18" Long, Ground Return, Slim-Line .180 Male



66811



66843



66844

## UNIVERSAL 3-WIRE 90° PLUG-IN PIGTAIL FOR FEMALE-PIN LAMPS

90° construction for reduced clearance applications • Dual function for S/T/T lamps • Mates to Grote® and competitive lamps with female termination

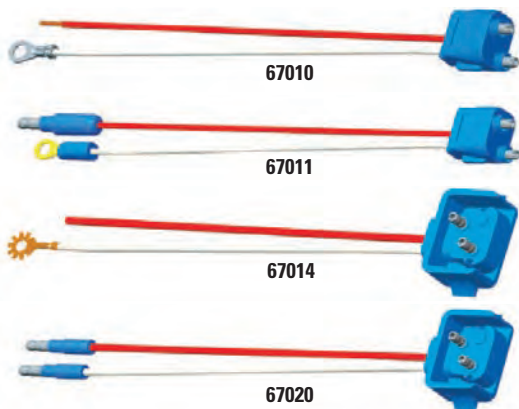
- 67090**    13" Long, Chassis Ground, 90° Plug, Blunt Cut Wires
- 67090-5**    13" Long, Chassis Ground, 90° Plug, Blunt Cut Wires **RETAIL**





# Pigtails, Brackets and Grommets

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## TWO-WIRE PLUG-IN PIGTAILS FOR FEMALE-PIN LAMPS

Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system • Single function • Includes dummy pin to help guide the pigtail into lamp

### STRAIGHT:

**67010** 11 1/2" Long, Chassis Ground, Blunt Cut  
**67011** 10 1/4" Long, Chassis Ground, Standard .180 Male

### 90° PLUG:

**67014** 10" Long, Chassis Ground, Blunt Cut  
**67020** 10" Long, Ground Return, Slim-Line .180 Male



## TRIPLE-LAMP ID HARNESSSES

Designed for use with ULTRA-BLUE-SEAL® wiring system • Factory-molded plugs resist moisture and corrosion • Slim-Line .180 male terminations at power end

**66111** 54" Long, Universal Triple-ID Jumper (31"x12"x12")  
**66932** 60" Long, LED Triple-ID Jumper (36"x12"x12")



## AMP SUPERSEAL CONNECTOR

Mates with Trilliant® Work Lamps and competitive lamps using AMP superseal connectors

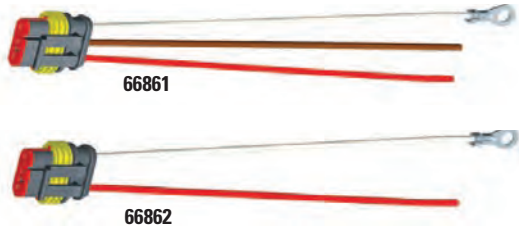
**68580** 9" Long, Blunt Cut Wires



## DEUSTCH CONNECTOR

Mates with Trilliant® Work Lamps and competitive lamps using Deustch connectors

**68610** 12" Long, Blunt Cut Wires



## HARD-SHELL CONNECTOR PIGTAILS

Mates with Grote and competitive lamps using AMP superseal 1.5 series connectors

### DUAL FUNCTION:

**66861** 11" Long, Chassis Ground, Blunt Cut Wires

### SINGLE FUNCTION:

**66862** 11" Long, Chassis Ground, Blunt Cut Wires



## PACKARD® CONNECTOR PIGTAIL

Sealed plug-in style pigtail for Grote® Hybrid Midturn / Marker LED lamp

**66826** 6" Long, Slim-Line .180 Males

## METRI-PACK® PLUG-IN SEALED PIGTAIL

Fits either 4- or 5-wire applications • Fits 5370-, 5371-, 5372- and 5376- series lamps

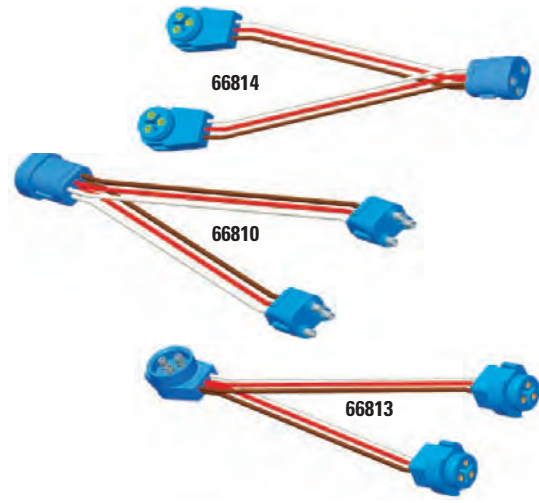
**66880** 20" Long, Sealed, Blunt Cut Wires



## TWO LAMP 9" Y ADAPTER PIGTAILS

Accommodates 6-lamp systems • Molded termination avoids moisture and corrosion buildup • For use with 4" round and oval S / T / T lamps  
 • Retrofits to superior Grote male pin LED lamps without the need for new wiring

90° PLUG:	
<b>66814</b>	9" Long, Adapter, Female-to-Male Pin
STRAIGHT:	
<b>66810</b>	9" Long, Adapter, Female-to-Female Pin
<b>66813</b>	9" Long, Adapter, Male-to-Male Pin



## MIDTURN ADAPTER PIGTAILS

Factory-molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system  
 • For use with 4" round and oval S/T/T lamps • 6" midturn adapter harness • Dummy plug in brown female .180 receptacle

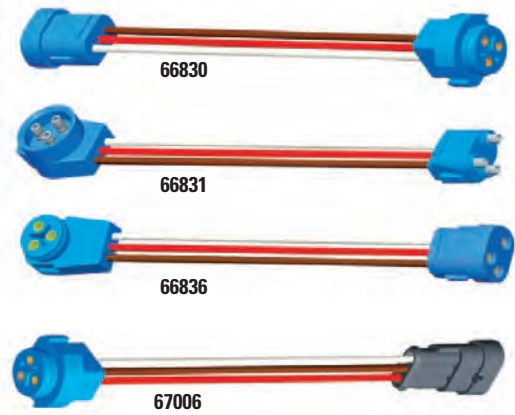
<b>66820</b>	Adapter, Female-to-Female Pin, (2) Additional Standard .180 Receptacles
<b>66823</b>	Adapter, Male-to-Male Pin, (2) Additional Standard .180 Receptacles



## ADAPTER PLUGS

Includes female-to-male pin lamp termination, and male-to-female pin lamp termination • For use with 4" round and oval, S/T/T lamps

<b>66830</b>	6" Long, Female Pin to Male Pin Lamp Termination
<b>66831</b>	6" Long, Male Pin to Female Pin Lamp Termination
<b>66831-5</b>	6" Long, Female Pin to 90° Male Pin Lamp Termination
<b>66836</b>	6" Long, Female Pin to 90° Male Pin Lamp Termination



## ADAPTER PLUGS FOR HARD SHELL CONNECTORS

For use with 4" round and oval S / T / T lamps

COMPETITIVE HARNESS TO MALE PIN:	
<b>67006</b>	6" Long, Hard Shell to Male Pin Connector
FEMALE PIN HARNESS TO AMP CONNECTOR:	
<b>66860</b>	6" Long, Female Pin to Hard Shell Connector



# Pigtails, Brackets and Grommets

Spirales de Raccord, Bague de Montage et Supports Conectores / Soportes rígidos y flexibles



## REPLACEMENT LAMP SOCKET PIGTAILS

Ensures positive bulb contact in all types of weather • Exceeds all existing automotive requirements • Heavy gauge thermoplastic wire with brass contacts, terminals and flags

### DOUBLE CONTACT:

<b>68110</b>	9 1/2" Long
<b>68130</b>	7 1/2" Long
<b>68150</b>	6 1/2" Long

### SINGLE CONTACT:

<b>68080</b>	9 1/2" Long
<b>68170</b>	9 1/2" Long



## TWIST-IN SOCKET PIGTAIL

Includes 194 bulb • Fits 46002, 46003, 46913, 45662, 45563, 45712 and 45713 marker lamps

**68380** 9 1/2" Long, Socket, Blunt Cut Wires

Voltage / Amp: 12V / .27A

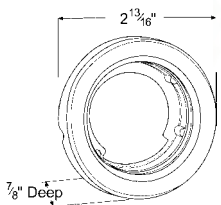


## HOODED MICRONOVA® DOT GROMMET

Fits MicroNova® Dot lamps

**94360** Black **NEW**

Material: PVC  
Finish: Black



**92120**

## 2 5/16" HOLE GROMMET

Fits 2" round lamps • Fits panel thickness up to 1/4"

**92120** Open Grommet  
**92150** Closed Back Grommet

### KITS:

**94100** Open Grommet (92120 + 67050)

Material: PVC  
Finish: Black

## SNAP-IN THEFT-RESISTANT MOUNTING FLANGE FOR 2" ROUND LAMPS

Snap-in flanges make installation more efficient in a variety of situations

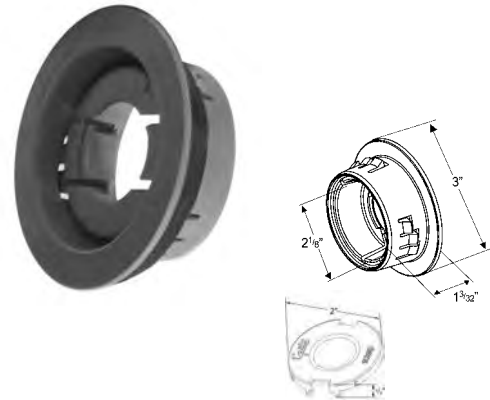
- Lamp snaps into the flange and flange snaps into the trailer body, making it more difficult for a thief to remove the lamp
- Requires a 2 5/16" hole and panel thickness from 1/16" up to 1/4" thick

**42190**    Gray

**CAP:**

**93860**    Gray

Material: Polycarbonate  
Finish: Gray



## THEFT-RESISTANT MOUNTING FLANGE FOR 2" ROUND LAMPS

Patented twist-in locking system keeps lamp from backing out

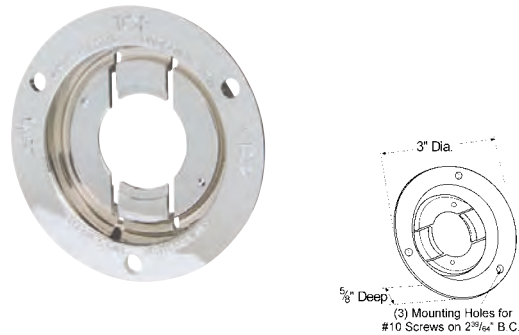
- Ideal for LED lighting
- Fits 2" LED and incandescent lamps
- Requires 2 1/4" hole

**43150**    Gray, Polycarbonate

**43152**    Black, Polycarbonate

**43153**    Chrome-Plated, ABS

Material: Polycarbonate/ABS  
Finish: Gray/Black/Chrome

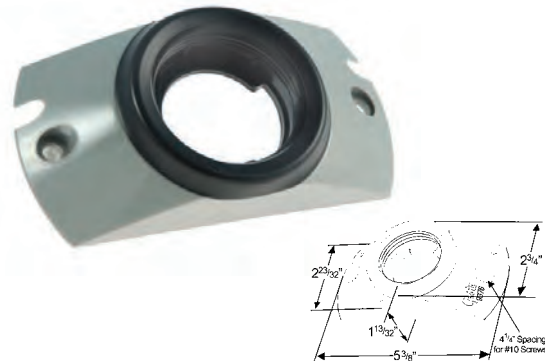


## MOUNTING BRACKET WITH GROMMET FOR 2" ROUND LAMPS

4 1/4" mounting hole spacing

**93760**    Gray

Material: Polycarbonate  
Finish: Gray  
Grommet: 92120

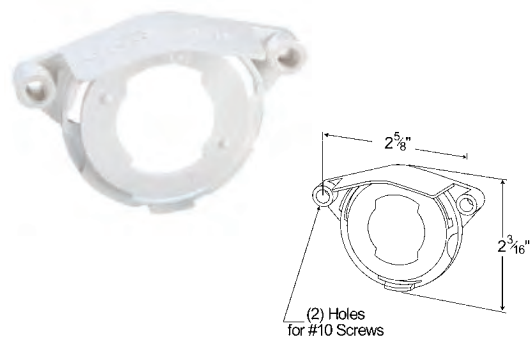


## LICENSE LAMP MOUNTING BRACKET

Anti-glare shield eliminates stray light from distracting following motorists

**43040**    White

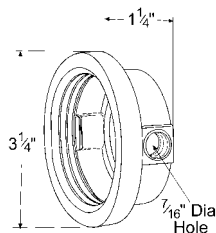
Material: Polycarbonate  
Finish: White





# Pigtails, Brackets and Grommets

Spirales de Raccord, Bague de Montage et Supports Conectores / Soportes rígidos y flexibles



## 2 25/32" HOLE GROMMET

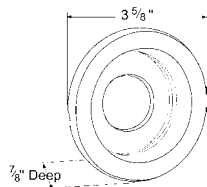
Fits 2 1/2" round lamps • Fits panel thickness up to 1/8"

**91400** Open Grommet  
**92070** Closed Back Grommet

### KITS:

**94010** Open Grommet (91400 + 67050)

Material: PVC  
Finish: Black



## 3" HOLE GROMMET

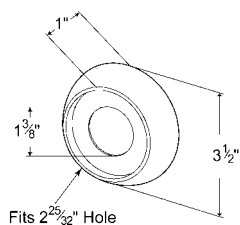
Fits 2 1/2" round lamps • Fits panel thickness up to 1/4"

**91410** Open Grommet

### KITS:

**94000** Open Grommet (91410 + 67050)

Material: PVC  
Finish: Black

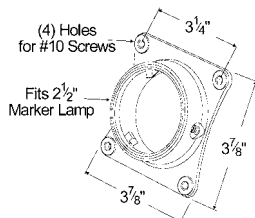


## 45° ANGLED BEVELED-EDGE MOUNTING GROMMET

Fits 2 3/4" hole • Open back fits panel thickness up to 3/16", closed back fits up to 3/8" • Fits all 2 1/2" round lamp

**91880** Open Grommet  
**92920** Closed Back Grommet

Material: PVC  
Finish: Black



## GROMMET FOR SURFACE OR FLUSH MOUNT LAMPS

Fits 2 1/2" round lamps

**91890** Open Grommet

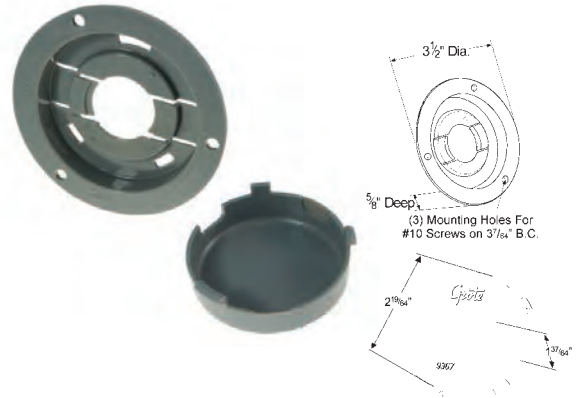
Material: PVC  
Finish: Black

## THEFT-RESISTANT MOUNTING FLANGE AND PIGTAIL RETENTION CAP FOR 2 1/2" ROUND LAMPS

Patented twist-in locking system keeps lamp from backing out • Ideal for LED lighting • Fits 2 1/2" LED and incandescent lamps • Pigtail retention cap keeps pigtail from backing away from lamp • Requires 2 5/8" hole

MOUNTING FLANGE:	
<b>43160</b>	Gray, Polycarbonate
<b>43162</b>	Black, Polycarbonate
<b>43163</b>	Chrome-Plated, ABS
CAP:	
<b>93670</b>	Gray

Material: Polycarbonate/ABS  
Finish: Gray/Black/Chrome

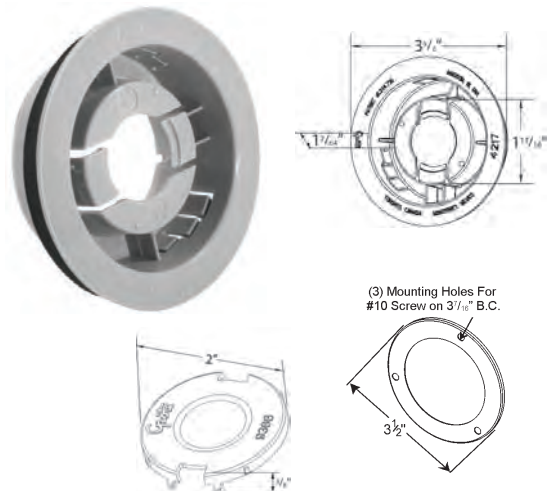


## SNAP-IN MOUNTING FLANGE FOR 2 1/2" ROUND LAMPS

Flange is held into place by snap tabs rather than standard screw holes, for a quicker, easier installation • Snap tabs on the flange lock the flange into place, keeping it from backing out of the hole • Foam gasket allows for mounting in materials from 1/8" to 1/4" thick • No drilling necessary to install; can help reduce installation time by more than 60% • Requires 2 25/32" hole

MOUNTING FLANGE:	
<b>42170</b>	Gray
CAP:	
<b>93860</b>	Gray
SECURITY RING:	
<b>43823</b>	Stainless Steel

Material: Polycarbonate/Stainless Steel  
Finish: Gray/Chrome

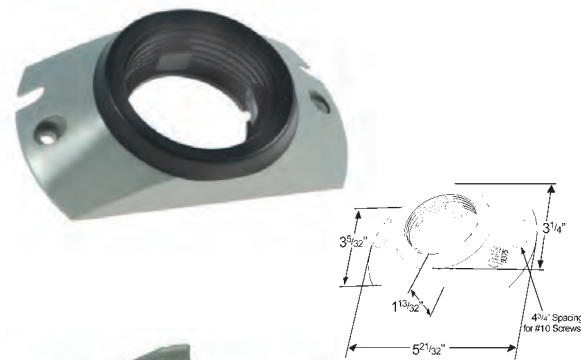


## MOUNTING BRACKET WITH GROMMET FOR 2 1/2" ROUND LAMPS

Fits 2 1/2" round lamps • Includes grommet 91400 • 4 3/4" mounting hole spacing

**93750** Gray

Material: Polycarbonate/PVC  
Finish: Gray/Black



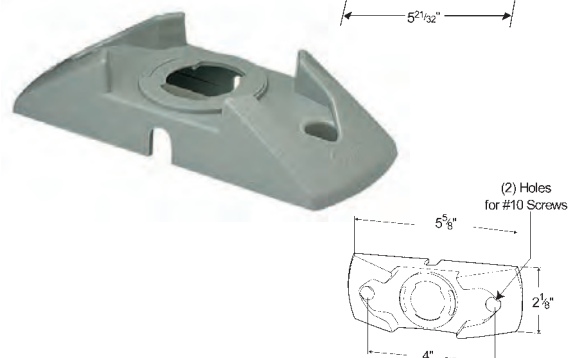
## TWIST-IN SURFACE MOUNT BRACKET

Fits 2" and 2 1/2" lamps • 4" mounting hole spacing

**43690** Gray

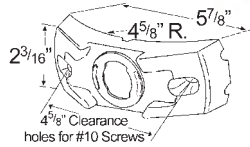
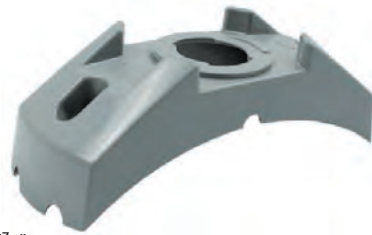
KITS:	
<b>43430</b>	Gray (43690 + 67050)

Material: Polycarbonate  
Finish: Gray



# Pigtails, Brackets and Grommets

Spirales de Raccord, Bague de Montage et Supports Conectores / Soportes rígidos y flexibles

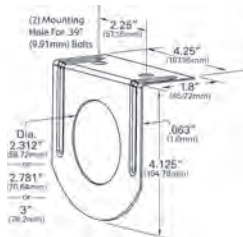


## 4 5/8" CORNER RADIUS BRACKET FOR 2" AND 2 1/2" ROUND LAMPS

Fits 4 5/8" corner radius • Use with PC-rated lights

**43760** Gray

Material: Polycarbonate  
Finish: Gray



## MOUNTING BRACKET FOR 2" AND 2 1/2" ROUND LAMPS

Baked black enamel finish • Grommet required for mounting • 2 1/4" mounting hole spacing

### FOR 2 1/2" LAMPS:

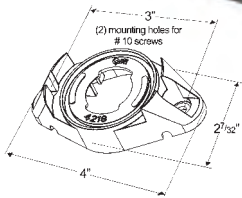
**43512** Accommodates 94010, 91400, 92070 Grommets (2 25/32" Hole)

**43522** Accommodates 94000, 91410 Grommets (3" Hole)

### FOR 2" LAMPS:

**43532** Accommodates 94100, 92120, and 92150 Grommets (2 5/16" Hole)

Material: Steel  
Finish: Black Enamel

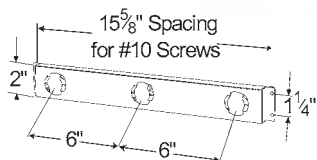


## TWIST-IN SURFACE MOUNT BRACKET FOR 2" AND 2 1/2" ROUND LAMPS

3" mounting hole spacing • Supports the use of PC-rated lamps for greater visibility

**42180** Gray

Material: Polycarbonate  
Finish: Gray



## BAR LAMP BRACKET FOR 2" AND 2 1/2" ROUND LAMPS

Includes chassis ground UBS harness with blunt-cut power feed

**49140** Black

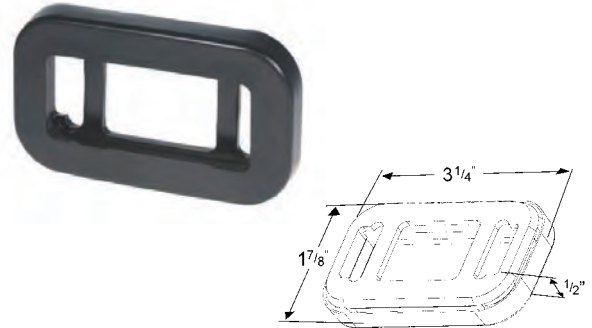
Material: Steel  
Finish: Black Enamel  
Accessory: Harness: 67740

## GROMMET FOR SMALL RECTANGULAR LAMPS

Requires 1 1/2" x 2 7/8" hole (with 3/8" radius corners)

**91380**    Black

Material: PVC  
Finish: Black

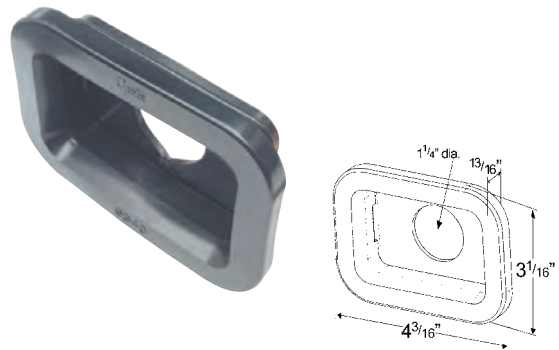


## GROMMET FOR SMALL RECTANGULAR LAMPS

Fits 2 1/2" oval style lamps • 2 1/2" x 3 1/2" hole (with 17/32" corners)  
• Fits panel thickness up to 3/16"

**93400**    White  
**93402**    Black

Material: PVC  
Finish: Black/White



## BRACKET FOR SMALL RECTANGULAR LAMPS

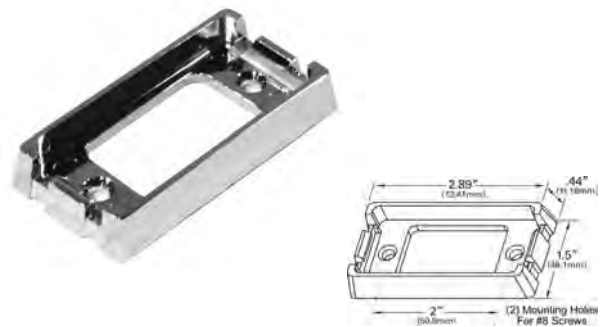
Kits include pigtail and mounting pad • 2" mounting hole spacing

**94233**    Chrome-Plated

**KITS:**

**43970**    Gray  
**43980**    Chrome-Plated

Material: Polycarbonate/ABS  
Finish: Chrome/Gray



## RAIL-MOUNT BRACKET FOR SMALL RECTANGULAR LAMPS

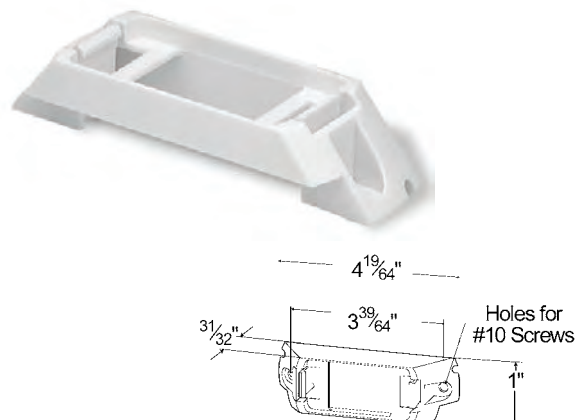
Mountable at 45° angle for PC applications • Includes single-seal pigtail  
• Cut-out design for rail mountings • 3 39/64" mounting hole spacing

**42131**    White

**KITS:**

**43370**    White (42131 + 67050)

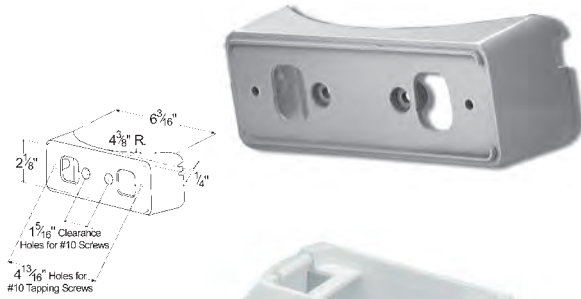
Material: Polycarbonate  
Finish: White





# Pigtails, Brackets and Grommets

Spirales de Raccord, Bague de Montage et Supports Conectores / Soportes rígidos y flexibles

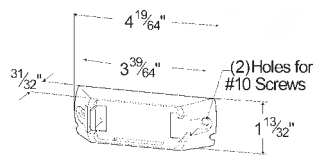


## 4 3/4" CORNER RADIUS BRACKET

For use with PC-rated lights

**43050** Gray

Material: Polycarbonate  
Finish: Gray



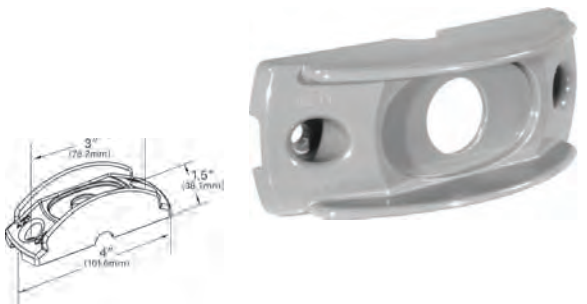
## HEADER-MOUNT BRACKET FOR SMALL RECTANGULAR LAMPS

Mountable at 45° angle for PC applications • Includes single-seal pigtail  
• Narrow rail applications • 3 39/64" mounting hole spacing

**42141** White

**KITS:**  
**43380** White (42141 + 67050)

Material: Polycarbonate  
Finish: White



## SURFACE MOUNT BRACKET FOR MICRONOVA® OR MICRONOVA DOT

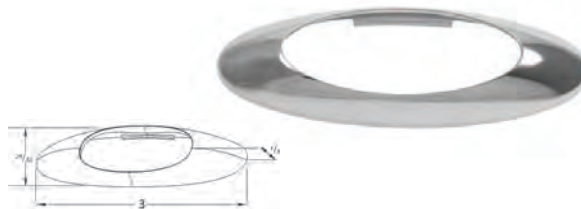
Armored design to protect the lamp from damage • 3" mounting hole spacing

**42110** Gray

**42112** Black

**42120** Gray, Corner Radius Bracket **NEW**

Material: Polycarbonate  
Finish: Gray/Black

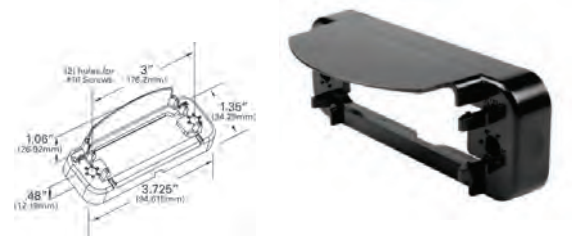


## MICRONOVA® LAMP BEZEL

Corrosion resistant, chrome-plated

**93803** Chrome-Plated

Material: ABS  
Finish: Chrome

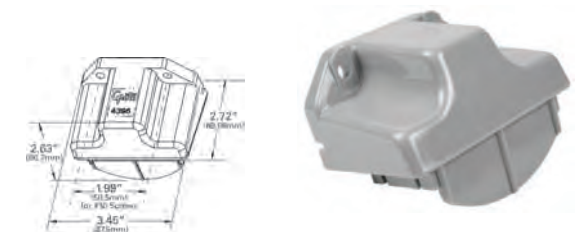


## LICENSE LAMP BRACKET

Anti-glare shield eliminates stray light from distracting following motorists  
• 3" mounting hole spacing

**42162** Black

Material: Polycarbonate  
Finish: Black



## LICENSE LAMP MOUNTING BRACKET

Features a snap-fit mounting for quick installation and easy replacements  
• Fits license lamp 60671, 60261, 60601 Anti-glare shield eliminates stray light from distracting following motorists • Ideal for license, instrument and step lighting applications • 2" mounting hole spacing

**43960** Gray

**43962** Black

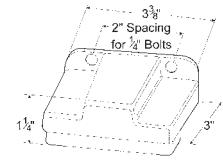
Material: Polycarbonate  
Finish: Gray/Black

## LICENSE LAMP MOUNTING BRACKET

Fits license lamp 60261 • Ideal for license, instrument, and step lighting applications • Thin design reduces mounting space requirements

**43830**    Gray

Material: Polycarbonate  
Finish: Gray  
Grommet: 92520

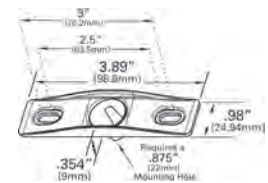


## MICRONOVA® DOT ADAPTER BRACKET

Allows the MicroNova® DOT to mount directly to the vehicle using this bracket or snap-fit into compatible 4378 series mounting brackets  
• 2 1/2" - 3" mounting hole spacing

**94350**    Gray **NEW**

Material: Polycarbonate  
Finish: Gray



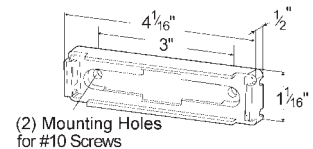
## MOUNTING BRACKET FOR LARGE RECTANGULAR LAMPS

Unique connector design with plug-in pigtail • 3" mounting hole spacing

**43780**    Gray Bracket  
**43783**    Chrome-Plated Bracket

**KITS:**  
**43390**    Gray (43780 + 66981)  
**43790**    Gray (43780 + 66980)

Material: Polycarbonate/ABS  
Finish: Gray/Chrome

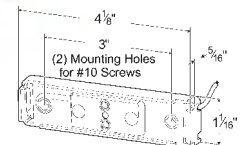


## LOW PROFILE MOUNTING BRACKET

Bracket-contained plug • Legal mount for combination clearance/marker lamp when mounted on a 45° angle (PC) • 3" mounting hole spacing

**43850**    Gray

Material: Polycarbonate  
Finish: Gray

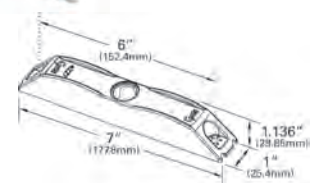


## MICRONOVA® DOT MOUNTING BRACKET

Allows the MicroNova® DOT to mount directly to the vehicle • great for narrow surface mount applications • 6" mounting hole spacing

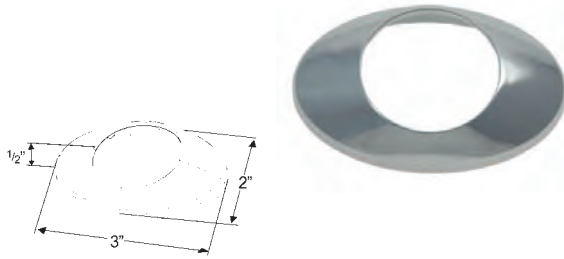
**42270**    Gray **NEW**

Material: Polycarbonate  
Finish: Gray



# Pigtails, Brackets and Grommets

Spirales de Raccord, Bague de Montage et Supports Conectores / Soportes rígidos y flexibles

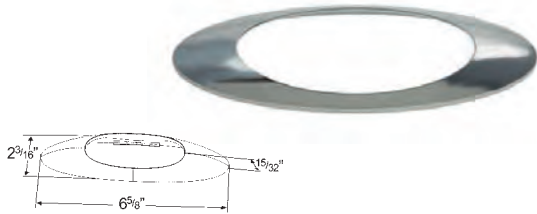


## M3 SERIES LAMP BEZEL

For use with M3 style cab markers

**93473** Chrome

Material: ABS  
Finish: Chrome



## M1 SERIES LAMP BEZEL

For use with M1 style cab markers

**93453** Chrome

Material: ABS  
Finish: Chrome

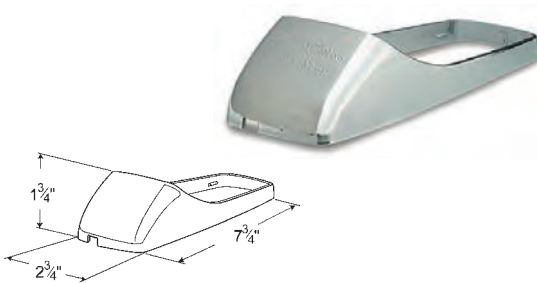


## TRILLIANT BEZEL

For use with Trilliant Work Lamp

**98100** Chrome-Plated **NEW**

Material: Aluminium  
Finish: Chrome

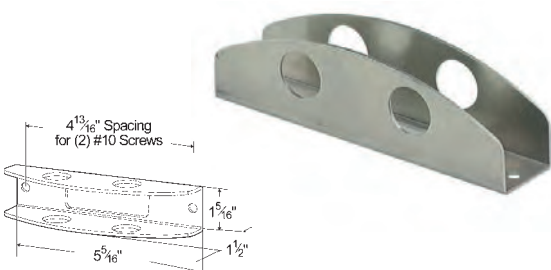


## SMALL CAB MARKER BEZEL

Can be installed while lamps are mounted

**92583** Bezel

Material: ABS  
Finish: Chrome



## THIN-LINE LED LAMP GUARD

Cutaway to accept plug-in pigtail

**43074** Aluminum

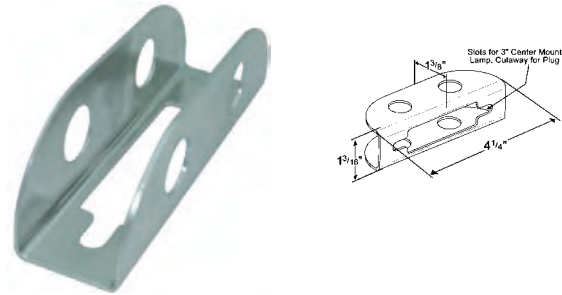
Material: Aluminum  
Finish: Aluminum

## THIN-LINE 3" LAMP GUARD

Cutaway to accept plug-in pigtail

**43230** Aluminum

Material: Aluminum  
Finish: Aluminum

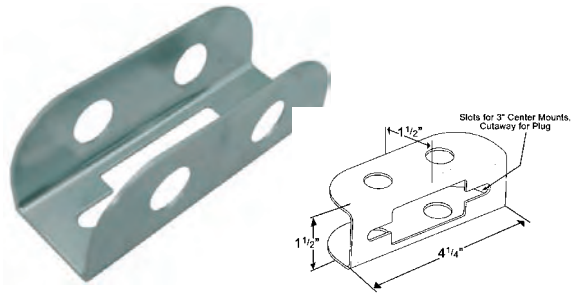


## LAMP GUARD FOR SMALL RECTANGULAR LAMPS

Cutaway to accept plug-in pigtail

**43120** Aluminum

Material: Aluminum  
Finish: Aluminum

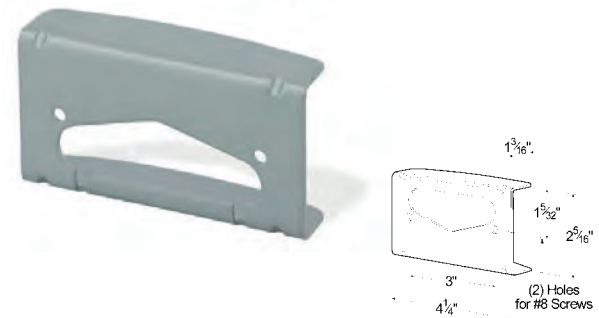


## STEEL LAMP GUARD

Fits single and 2-bulb oval and square corner clearance/marker lamps  
• 3" mounting hole spacing

**43144** Steel

Material: Steel  
Finish: Silver



## CHROME BUTTRESS-STYLE LAMP GUARD

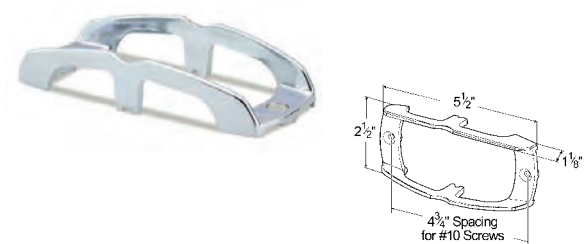
Use with 2" x 4" oval surface mounted lamps 4 3/4" mounting hole spacing

**43673** Chrome-Plated

**43673-5** Chrome-Plated

RETAIL

Material: ABS  
Finish: Chrome

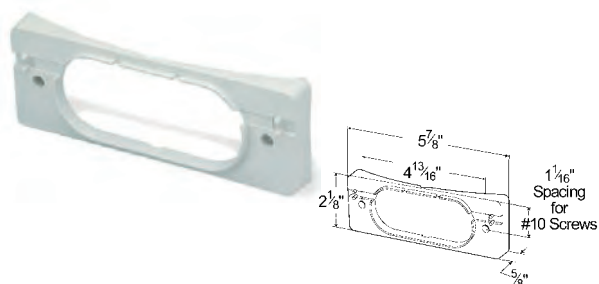


## 9 1/2" CORNER RADIUS BRACKET

PC-regulation mount for Turtleback® II

**43030** White

Material: Polycarbonate  
Finish: White





# Pigtails, Brackets and Grommets

Spirales de Raccord, Bague de Montage et Supports Conectores / Soportes rígidos y flexibles



## GROMMET FOR 4" ROUND LAMPS

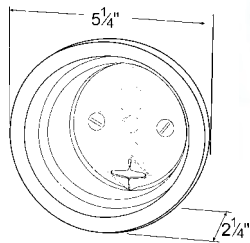
Requires 4 1/2" hole • Fits panel thickness up to 1/4"

**91740** Grommet

### KITS:

**67150** Grommet w/Pigtail (91740 + 67000)

Material: PVC  
Finish: Black

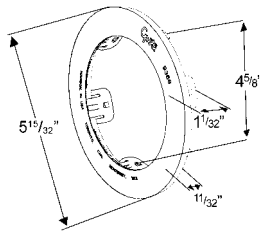


## CLOSED BACK GROMMET FOR 4" ROUND LAMPS

For open installations where splash plate is not used • Requires a 4 1/2" hole • Fits panel thickness up to 1/4"

**91950** Grommet

Material: PVC  
Finish: Black

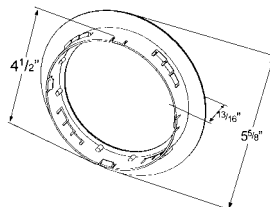


## STAINLESS STEEL SNAP-IN THEFT-RESISTANT FLANGE FOR 4" ROUND LED LAMPS

Foam gasket allows for mounting in materials from 1/8" to 1/4" thick with a mounting hole size 4 1/2" diameter • No drilling necessary to install

**93683** Stainless Steel

Material: Stainless Steel  
Finish: Stainless Steel



## SNAP-IN THEFT-RESISTANT FLANGE FOR 4" ROUND LED LAMPS

Panel thickness 1/8" to 1/4"; mounting hole size 4 1/2" diameter

**93552** Black  
**93553** Chrome-Plated

Material: ABS  
Finish: Black/Chrome

## THEFT-RESISTANT FLANGE FOR 4" ROUND LAMPS

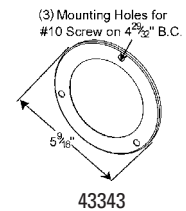
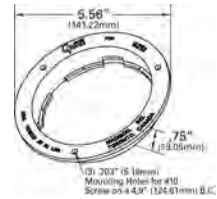
Fits 4" round LED and incandescent lamps • Mounting hole size 4 1/2" diameter

- 92510**    White, Polycarbonate
- 92512**    Black, Polycarbonate
- 92513**    Chrome-Plated, ABS
- 92511**    Gray, Polycarbonate
- 43253**    Stainless Steel

### SECURITY RING

- 43343**    Stainless Steel Security Ring (must be used with flange)

Material: Polycarbonate; Stainless Steel; ABS  
Finish: White; Gray; Black; Chrome; Stainless Steel

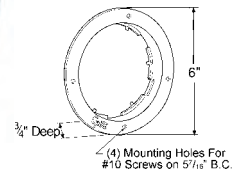


## THEFT-RESISTANT BETTS LIGHTING ADAPTER

Allows users to retrofit their Betts® brand lighting to Grote mounting dimensions • Retrofits to Grote 4" round sealed lamps and LEDs • Mounting hole size 4 1/2" diameter

- 93190**    Gray

Material: Polycarbonate  
Finish: Gray

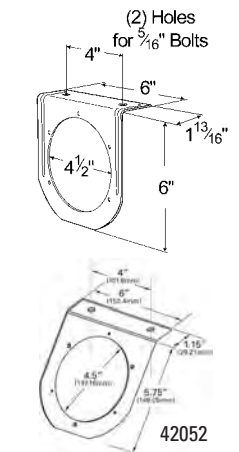


## MOUNTING BRACKET FOR 4" ROUND LAMPS

Accepts lamp equipped with a grommet or flange • 4" mounting hole spacing

- 43572**    Black, 90° angle bracket
- 42052**    Black, 45° angle bracket

Material: Steel  
Finish: Black Powder Coated  
Grommet: 91740

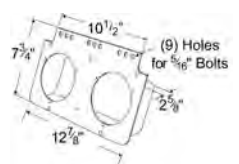


## MOUNTING MODULE FOR 4" ROUND LAMPS

Closed back, rear lamp module for lamps requiring 4 1/2" hole opening • Accepts lamps equipped with a grommet or flange

- 43655**    Yellow Zinc
- 51090**    Gray

Material: Steel  
Finish: Yellow Zinc/Gray Powder Coated



# Pigtails, Brackets and Grommets

Spirales de Raccord, Bague de Montage et Supports Conectores / Soportes rígidos y flexibles



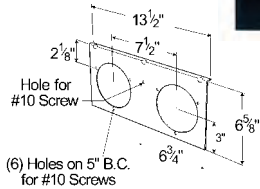
## 2-LAMP MOUNTING MODULE FOR 4" ROUND LAMPS

Two 4 1/2" holes to hold standard recessed lamps or grommet-mounted 4" round lamps and an area to mount one 2 1/2" center mount reflector

- Accepts lamps equipped with a grommet or flange

**43642** Black, Powder Coated

Material: Steel  
Finish: Black

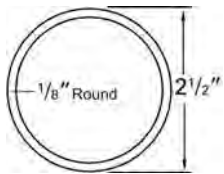
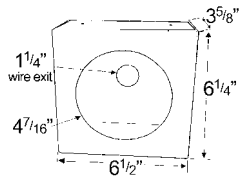


## MOUNTING MODULE FOR 4" ROUND LAMPS

Black enamel-coated steel construction • Use with 4" LED strobes or any 4" round lamp • Accepts lamp equipped with a grommet or flange

**43732** Black

Material: Steel  
Finish: Black



## O - RING

**94110** O-Ring



## SNAP RING

**99593** Use with 50222 and 50352

**99595** Use with 50232 and 55092

Material: Stainless Steel  
Finish: Stainless Steel

## GROMMET FOR 6" OVAL LAMPS

Fits 2 1/2" x 6 3/4" oval hole • Fits panel thickness up to 1/4"

- 92420**    Open Grommet
- 92720**    Closed Back Grommet

**KITS:**  
**67151**    Open Grommet (92420 + 67000)

Material: PVC  
 Finish: Black



## SURFACE MOUNT SNAP-IN FLANGE FOR 6" OVAL LAMPS

Allows for quick and easy surface mount application • Designed to work with 5413, 5414, 5416, 5417 product lines only.

- 42152**    Black, Polycarbonate
- 42153**    Chrome, ABS

Material: Polycarbonate/ABS  
 Finish: Black/Chrome

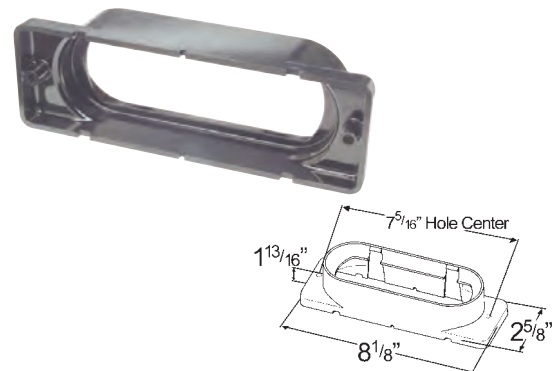


## MOUNTING BRACKET FOR 6" OVAL LAMPS

Can be used with any Grote oval LED or incandescent lamp • Ideal for adding LED strobe lamps to a vehicle • 7 5/16" mounting hole spacing

- 43172**    Black

Material: Polycarbonate  
 Finish: Black



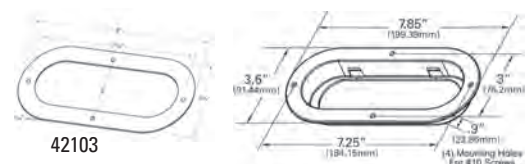
## THEFT-RESISTANT MOUNTING FLANGE FOR 6" OVAL LAMPS

Attractive add-on option improves the look of any rig or trailer • Security ring fits over existing oval theft resistant mounting flanges

- 43220**    Gray, Polycarbonate
- 43222**    Black, Polycarbonate
- 43223**    Chrome-Plated, ABS
- 43723**    Stainless Steel

**SECURITY RING**  
**42103**    Stainless Steel Security Ring (must be used with flange)

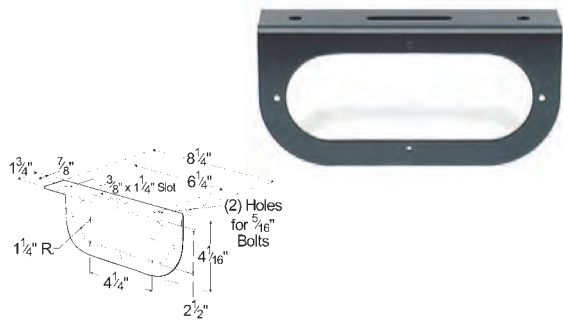
Material: Polycarbonate/Stainless Steel/ABS  
 Finish: Gray/Black/Stainless Steel/Chrome





# Pigtails, Brackets and Grommets

Spirales de Raccord, Bague de Montage et Supports Conectores / Soportes rígidos y flexibles



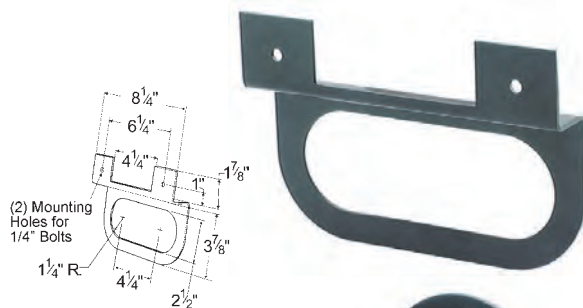
## MOUNTING BRACKET FOR 6" OVAL LAMPS

Accepts lamp equipped with a grommet or flange • 6 1/4" mounting hole spacing

**43362** Black, 90° angle bracket

**42042** Black, 45° angle bracket

Material: Steel  
Finish: Black  
Grommet: 92420

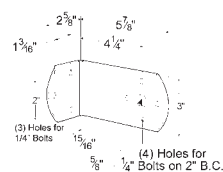


## "Z" MOUNTING BRACKET FOR OVAL LAMPS

Heavy gauge steel, baked black enamel finish • Accepts lamp equipped with a grommet or flange • 6 1/4" mounting hole spacing

**43952** Black

Material: Steel  
Finish: Black

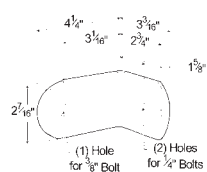


## 7" JUMBO MOUNTING BRACKET

Heavy gauge steel

**43282** Black, Powder Coated

Material: Steel  
Finish: Black

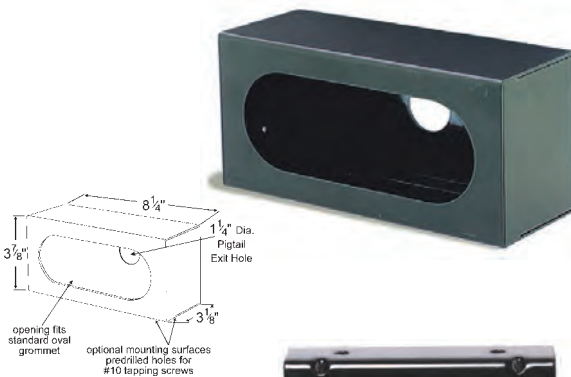


## MOUNTING BRACKET

Detachable angle mounting bracket for single and double-face lamps

**43292** Black, Powder Coated

Material: Steel  
Finish: Black

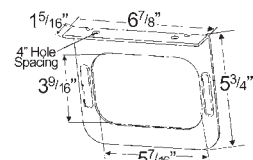


## MOUNTING BRACKET FOR OVAL LAMPS

Accepts lamp equipped with a grommet or flange

**43100** Black

Material: Steel  
Finish: Black  
Grommet: 92420



## RECTANGULAR STOP/TAIL/TURN LAMP L BRACKET

Rugged 11 gauge steel construction • Black enamel-coated finish  
• 4" mounting hole spacing • Accepts lamp equipped with a grommet

**43212** Black

Material: Steel  
Finish: Black

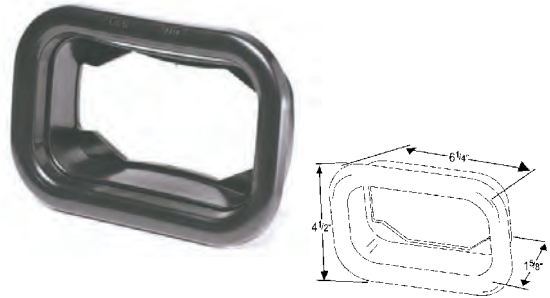


## GROMMET FOR RECTANGULAR LAMPS

Requires 5 7/16" x 3 9/16" hole with 1" radius corners • Fits panel thicknesses up to 5/16"

**94180**    Mounting Grommet

Material: PVC  
Finish: Black

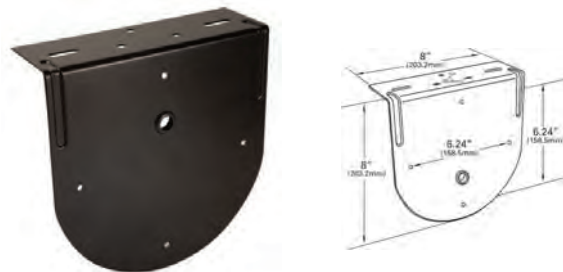


## MOUNTING BRACKET FOR 7" ROUND LAMPS

Provides multiple mounting options for 7" round lamps

**93982**    Black, Powder Coated

Material: Steel  
Finish: Black

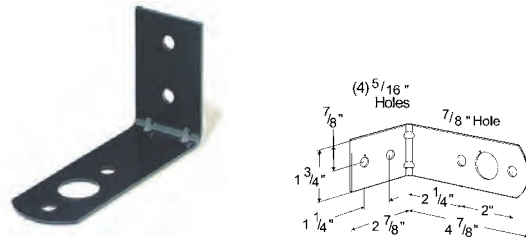


## PEDESTAL LAMP MOUNTING BRACKET

For right- or left-hand 2-stud class "A" pedestal lamps

**43112**    Black, Powder Coated

Material: Steel  
Finish: Black

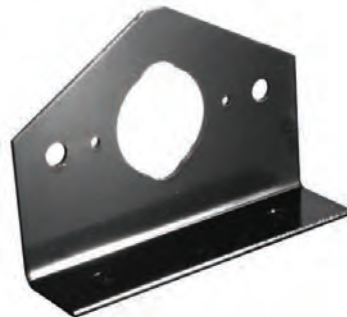


## 4/5/6 POLE KNOCKOUT MOUNTING BRACKET

Can accommodate 4-pole to 6-pole socket requirements • Made of anti-corrosive steel, painted black

**43942**    4 and 6 pole socket bracket

Material: Steel  
Finish: Black

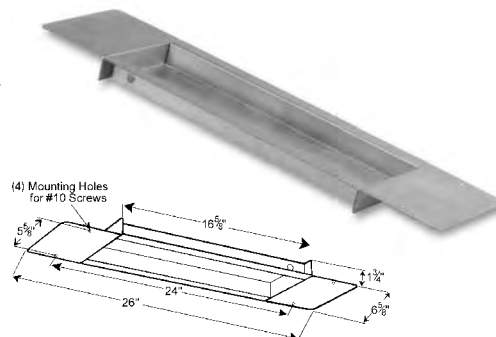


## RECESSED FLUORESCENT LAMP PAN

Provides a rigid mounting surface for fluorescent lamps • Fits Grote's fluorescent lamp 61511 • Keeps insulation away from lamp

**43540**    Recessed Pan

Material: Aluminum  
Finish: Polished



# Pigtails, Brackets and Grommets

Spirales de Raccord, Bague de Montage et Supports Conectores / Soportes rígidos y flexibles

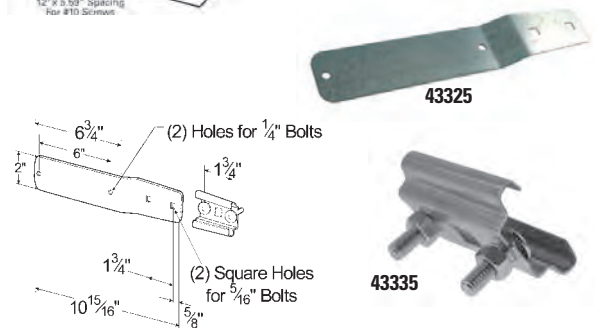


## 12" RECESSED MOUNTING PAN FOR 7" LED LAMPS

Provides a rigid mounting surface for LED lamps • Fits Grote® LED 61811 lamps • Grommet available for wire exit hole, 60-1000-06 • Keeps insulation away from lamp

**43744** Recessed Pan

Material: Aluminum  
Finish: Aluminum



## SLOW-MOVING VEHICLE EMBLEM BRACKETRY

Easy installation • Use with slow moving vehicle emblem (emblem not included)

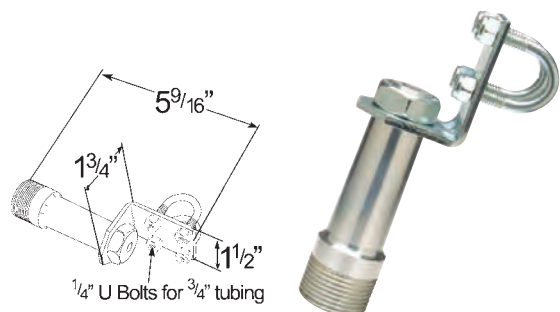
### EMBLEM BRACKET:

**43325** Steel

### MOUNTING BRACKET:

**43335** Steel

Material: Steel  
Finish: Galvanized



## STROBE AND BEACON MOUNTING BRACKET FOR MIRROR BRACKETRY

Allows for mounting of strobe and beacon warning lamps to mirror bracket assembly

### PIPE MOUNT:

**93600** Aluminum/Steel Bracket w/ 1" Built-in Mount

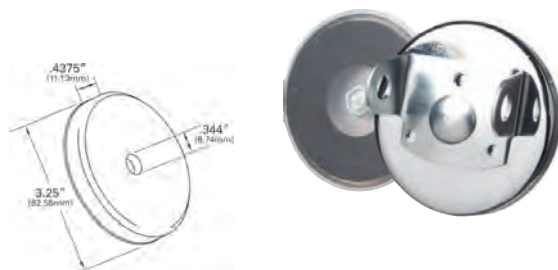
Material: Aluminum / Steel  
Finish: Gray



## STROBE MOUNTING KIT

Use with low-, medium-, and high-profile strobe lamps • Includes an adhesive magnet pad to prevent scratching of vehicle surface

**97750** Magnet Kit & Lighter Plug



## REPLACEMENT MAGNETIC MOUNT

Can be used as a magnetic mount on PAR 36 rubber tractor and utility lamps • Has adhesive magnet pad to prevent scratching of vehicle metal underneath magnet • 80 lbs. pull magnet

**43300** Magnetic Mount

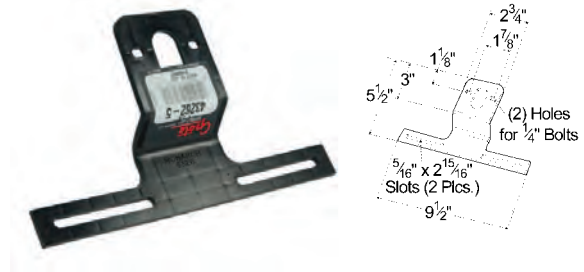
Material: Steel  
Finish: Chrome

## UNIVERSAL OFFSET LICENSE PLATE BRACKET

For use with most standard two-stud box-style lamps and license plates

43262-5    Black    **RETAIL**

Material: Polypropylene  
Finish: Black

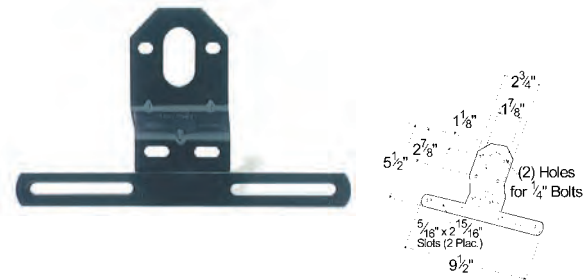


## UNIVERSAL STEEL OFFSET LICENSE PLATE BRACKET

For use with most standard two-stud box-style lamps and license plates

43022    Black, Powder Coated  
43022-5    Black, Powder Coated    **RETAIL**

Material: Steel  
Finish: Black

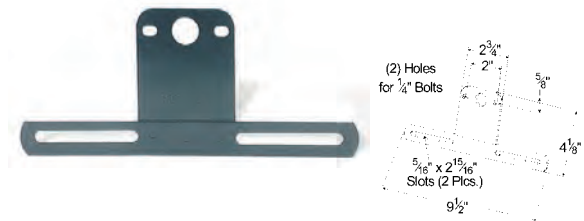


## LICENSE PLATE BRACKET

For use with most standard two-stud box-style lamps and license plates

43272    Black, Powder Coated  
43272-5    Black, Powder Coated    **RETAIL**

Material: Steel  
Finish: Black

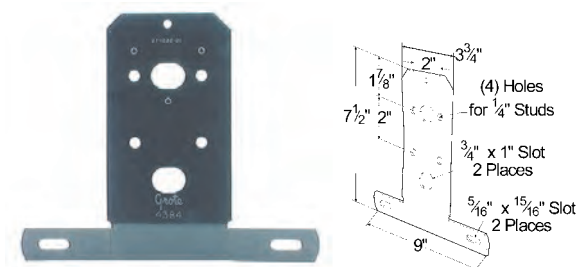


## UNIVERSAL LICENSE PLATE BRACKET

For use with most standard two- or three-stud box-style lamps and license plates

43842    Black, Powder Coated

Material: Steel  
Finish: Black



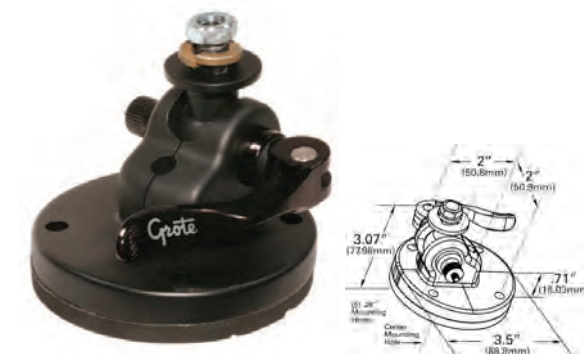
## ADJUSTABLE BRACKET FOR TRILLIANT® LAMPS

Adjustable and lockable bracket for the Trilliant® LED Whitelight™ lamps

- Provides more aiming control and more reliability than the standard bracket
- Cantilever locking mechanism stays in place in even the harshest environments

43651    Bracket, White  
43652    Bracket, Black

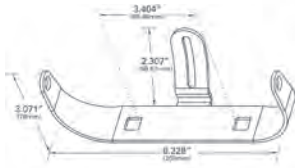
Material: Zinc  
Finish: Black or White





# Pigtails, Brackets and Grommets

Spirales de Raccord, Bague de Montage et Supports Conectores / Soportes rígidos y flexibles



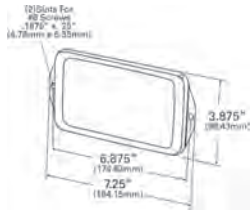
## MOUNTING BRACKET FOR TRILLIANT®

Replacement bracket for the Trilliant Work Lamp

21-1313-03

Bracket, Black **NEW**

Material: Steel  
Finish: Black

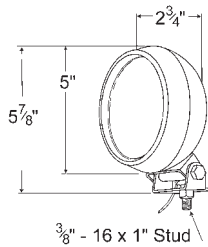


## FLUSH-MOUNT WORK LAMP BRACKET

Add-on bracket to convert the Trilliant® Mini LED Work Lamp into a flush-mount lamp

94690 Stainless Steel

Material: Stainless Steel  
Finish: Stainless Steel

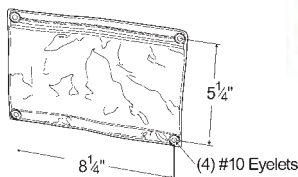


## PAR 36 RUBBER TRACTOR HOUSING

Shock-absorbing, weather-proof body • Swivel mount

64930 Black

Material: Rubber  
Finish: Black



## VINYL PERMIT HOLDER

Laminated for all-weather protection • Sealing zipper for easy insertion of paper

43411 Vinyl

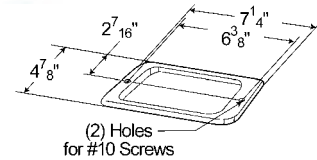
Material: Vinyl/Aluminum  
Finish: Green/Aluminum

## ALUMINUM PERMIT HOLDER

Heavy-formed, rustproof housing • Includes vinyl pouch

**43424** Aluminum

Material: Aluminum w/ Vinyl Pouch  
Accessory: Vinyl Pouch: 43441

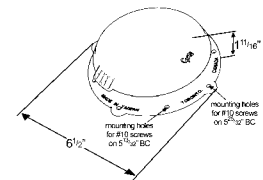


## DOCUMENT HOLDER

Rugged construction • Chemical-resistant, Ray-Ban® colored lens now has a darker tint • Comes with document protector polybag • Two mounting options for flexibility • Can be installed using pop-rivets

**43901** Gray

Material: Polycarbonate  
Finish: Gray/Smoke  
Lens: Smoke 93351



## ELECTRICAL SEALANT

Special dielectric silicone compound seals out moisture, salt and corrosives protects plug-ins and other electrical fittings

**99580** 1 1/4 Oz. Tube



## ULTRA-SEAL CORROSION-PREVENTIVE SEALANT

Cost-effective product prevents rust and corrosion • Good mechanical stability • Added tackifiers improve adhesion and resistance to washout • Has a 25% higher non-conductivity rating compared to the competition • Operating range -40°F to 302°F

**99170** 4 oz. (118 ml.) Tube

**99180** 8 oz. (236 ml.) Tub



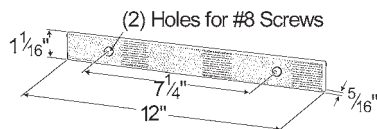
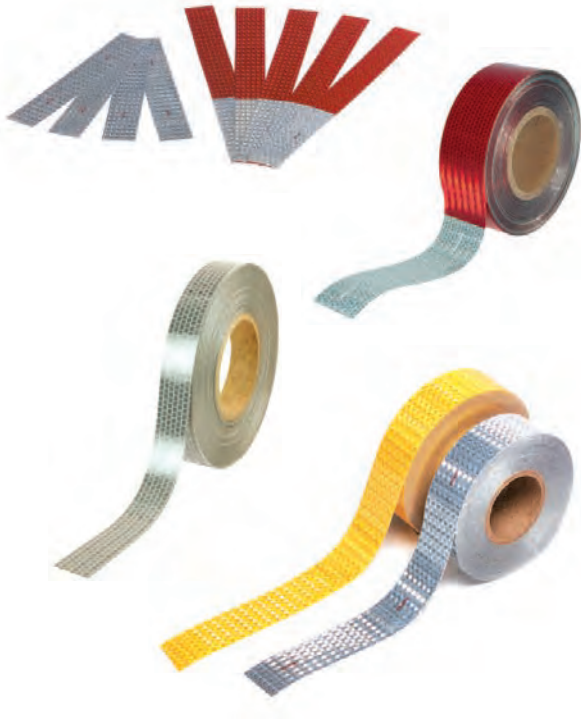
RETAIL DISPLAY:

**99170-1** Display (12 of 99170)

RETAIL

# Reflectors

Réfecteurs Reflectantes



## CONSPICUITY TAPE

Exceeds DOT requirements • Durable, impact and solvent resistant • Easy installation • Reflects light even in daytime • Bright prismatic appearance

### ALTERNATING 7" SILVER/11" RED:

- 40650** 2" x 150' Roll
- 40650-5** 2" x 18" (5) Strips **RETAIL**
- 41160** 2" x 150' Roll
- 41080** 1 1/2" x 150' Roll

### ALTERNATING 6" SILVER/6" RED:

- 41050** 2" x 150' Roll

### SILVER:

- 40641** 2" x 150' Roll
- 40641-5** 2" x 12' (4) Strips, Poly Bag, 10 Year Warranty **RETAIL**

### SCHOOL BUS APPLICATIONS:

- 41133** Yellow, 2" x 150' Roll

### WHITE:

- 40701** 1" x 150' Roll

FMVSS: DOT-C2 (40650, 40650-5, 41160)

## CONSPICUITY TAPE FOR RAIL CARS

Adhesive will adhere to cold surfaces • Reflects light even in daytime • Bright prismatic appearance • Marked FRA-224 every 4"

### 4" X 150' ROLL:

- 41271** White, Kiss-Cut
- 41273** Yellow, Kiss-Cut

Meets ASTM D-4956-01a and FRA-224 requirements

## REFLECTIVE STRIPS

Sealed optics • Adhesive-backed or screw-on mounting versions

### 12" STRIPS:

- 41122** Red
- 41121** Silver

Material: ABS/Acrylic  
FMVSS: DOT-C

## STICK-ON TAPE REFLECTORS

Adheres permanently to flat or curved surfaces • Exceeds DOT and SAE "A" reflex requirements • Durable, impact resistant

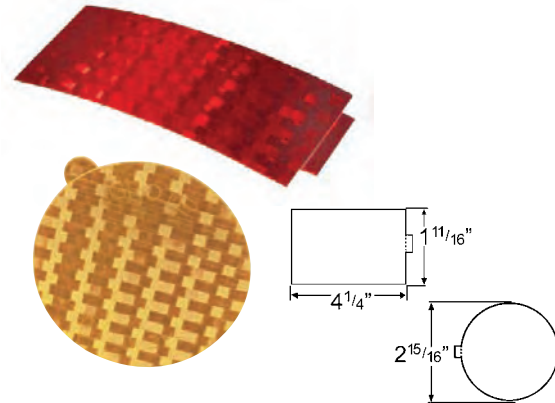
### 1 11/16" X 4 1/4" RECTANGULAR REFLECTOR:

- 41152** Red, 5 Year Warranty
- 41153** Yellow, 5 year Warranty

### 2 15/16" ROUND REFLECTOR:

- 41142** Red, 5 Year Warranty
- 41142-5** Red, Pair Pack, 5 Year Warranty **RETAIL**
- 41143** Yellow, 5 year Warranty

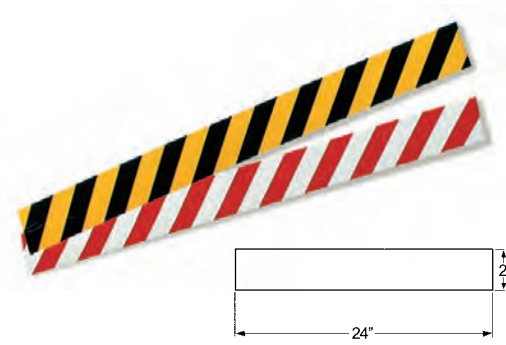
FMVSS: A



## REFLECTIVE TAPE

Use in marking fence posts, mail boxes, etc. • 2" x 24" strips • Not for use as trailer conspicuity tape

- 40440-5** Red w/ White, 1 Strip **RETAIL**
- 40460-5** Black w/ Yellow, 1 Strip **RETAIL**

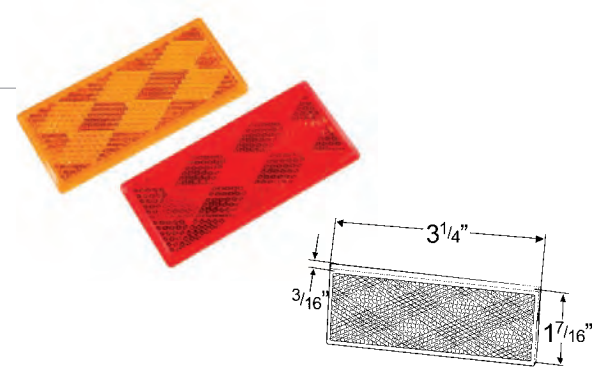


## STICK-ON RECTANGULAR REFLECTORS

Adhesive backing protects prisms against dirt • Fits narrow rails and tight spaces • Firm-stick backing for instant bond and lasting adhesion

- 40302** Red
- 40303** Yellow

Material: Acrylic  
FMVSS: A



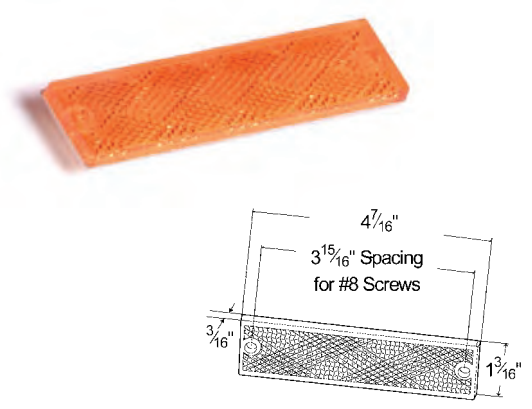
## MINI STICK-ON RECTANGULAR REFLECTORS

Fits narrow rails and tight spaces • Mountable with two #8 screws (optional) • Firm-stick backing for instant bond and lasting adhesion

### STICK-ON/SCREW MOUNTABLE:

- 40132** Red
- 40132-5** Red, Pair Pack **RETAIL**
- 40133** Yellow
- 40133-5** Yellow, Pair Pack **RETAIL**

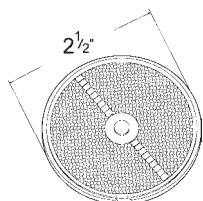
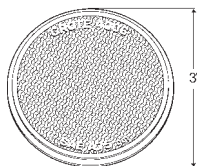
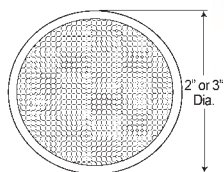
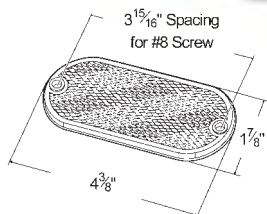
Material: Acrylic  
FMVSS: A





# Reflectors

Réfecteurs Reflectantes



## OVAL REFLECTOR

Firm-stick backing for instant bond and lasting adhesion

### SCREW MOUNTABLE:

<b>41042</b>	Red
<b>41043</b>	Yellow

### STICK-ON/SCREW MOUNTABLE:

<b>41032</b>	Red	
<b>41032-5</b>	Red, Pair Pack	<b>RETAIL</b>
<b>41033</b>	Yellow	
<b>41033-5</b>	Yellow, Pair Pack	<b>RETAIL</b>

Material: Acrylic  
FMVSS: A

## ROUND STICK-ON REFLECTOR

Adhesive backing protects prisms against dirt • Firm-stick backing for instant bond and lasting adhesion

### 3" REFLECTOR:

<b>40052</b>	Red	
<b>40052-5</b>	Red	<b>RETAIL</b>
<b>40053</b>	Yellow	
<b>40053-5</b>	Yellow	<b>RETAIL</b>

### 2" REFLECTOR:

<b>41002</b>	Red
<b>41003</b>	Yellow

Material: Acrylic  
FMVSS: A

## SEALED 3" ROUND STICK-ON REFLECTOR

Hermetically sealed • Firm-stick backing for instant bond and lasting adhesion

<b>40062</b>	Red
<b>40063</b>	Yellow

Material: Acrylic  
FMVSS: A

## 2 1/2" ROUND STICK-ON REFLECTOR

Adhesive backing protects prisms against dirt • Firm-stick backing for instant bond and lasting adhesion

<b>40072</b>	Red	
<b>40072-5</b>	Red, Pair Pack	<b>RETAIL</b>
<b>40073</b>	Yellow	
<b>40073-5</b>	Yellow, Pair Pack	<b>RETAIL</b>

Material: Acrylic  
FMVSS: A

## SEALED CENTER-MOUNT REFLECTOR

Hermetically sealed • Simple installation with single #10 screw

### 2" ROUND:

- 41012** Red
- 41013** Yellow

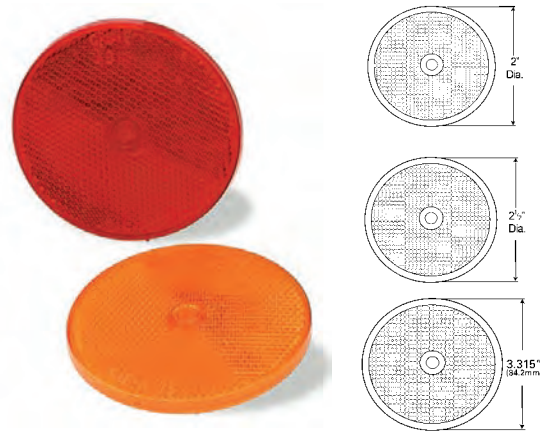
### 2 1/2" ROUND:

- 40092** Red
- 40093** Yellow

### 3 1/2" ROUND:

- 40152** Red
- 40153** Yellow

Material: Acrylic  
FMVSS: A



## ALUMINUM TWO-HOLE MOUNTING REFLECTOR

Lens gasket cushions lens and protects prisms against dirt • Lightweight housing • Low profile

- 40232** Red
- 40232-5** Red RETAIL
- 40233** Yellow
- 40233-5** Yellow RETAIL

Material: Aluminum/Acrylic  
FMVSS: A

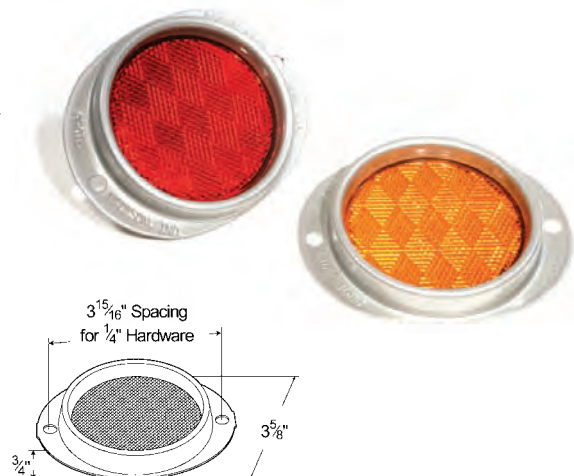


## STEEL TWO-HOLE MOUNTING REFLECTOR

Extra-deep lens recessed for protection • Lens gasket cushions lens and protects prisms against dirt • Baked steel finish

- 40192** Red, Silver Housing with Gasket
- 40193** Yellow, Silver Housing with Gasket
- 40162** Red, Green Housing with Gasket
- 40163** Yellow, Green Housing with Gasket
- 82562** Red, Desert Tan Housing with Gasket
- 82563** Yellow, Desert Tan Housing with Gasket

Material: Steel/Acrylic  
FMVSS: A  
Finish: Silver, Military Green-34094, Desert Tan-33466



# Reflectors

Réflecteurs Reflectantes



## TRIANGLE WARNING KIT

Reflective up to 1/2 mile • Exceeds legal requirements • Weatherproof and impact resistant • Weighted for stability • Kit of three triangle devices in carrying case

### KITS:

**71422** Three Triangles

Material: Acrylic/ABS/Polypropylene  
FMVSS: 125, SAE: J774C-Type I

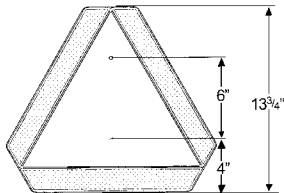


## SLOW-MOVING VEHICLE EMBLEM

13 3/4" yellow-orange center for daytime warning • Outer 1 5/8" red reflex border for nighttime warning

**71152** Orange & Red

Material: Acrylic/ABS  
FMVSS: SAE: J943A, ASAE: S276.3  
Bracket: 43325, 43335



## TRAFFIC CONE

High visibility for traffic control • Fade-resistant, bright orange finish is molded of PVC to eliminate cracking and peeling

**71440** Small Cone

**71450** Large Cone

Material: PVC  
Finish: Bright Orange



## REPLACEMENT LENSES

		Left	S/T/T	Right
<b>Cadillac®</b>				
2000-1999	Escalade (Lens and Housing)	85352-5		85362-5
<b>Chevrolet®</b>				
1999-1988	1500, 2500, 3500 Pickup (Lens and Housing)	85352-5		85362-5
1999-1988	1500, 2500, 3500 Pickup (Connector Plate Housing)	85450-5		85460-5
2000-1992	Blazer (Lens and Housing)	85352-5		85362-5
2000-1992	Blazer (Connector Plate Housing)	85450-5		85460-5
<b>Chevrolet® / GMC®</b>				
1999-1992	Suburban/Tahoe/Yukon (Lens and Housing)	85352-5		85362-5
1999-1992	Suburban/Tahoe/Yukon (Connector Plate Housing)	85450-5		85460-5
<b>Dodge®</b>				
2001-1994	Ramcharger Pickup	85582-5		85592-5
2001-1994	Trail Duster Pickup	85582-5		85592-5
<b>Ford®</b>				
1992-Present	Ford F350-F750, Super Duty (Entire Lamp, Chassis Cab Vehicles Only)	50992		50992
1990-1977	Flareside Pickup (Lens Only)	91302		91302
1990-1977	Flareside Pickup (LED-Entire Lamp)	G5212		G5202
1979-1973	Flareside Pickup (Entire Lamp)	50972-5		50972-5
2003-1997	Pickup	85622-5		85632-5
<b>Jeep®</b>				
2006-1976	CJ-5, CJ-7, Scrambler, Wrangler (Entire Lamp w/out Side Markers)	50972-5		50972-5
2006-1976	CJ-5, CJ-7, Scrambler, Wrangler (Lens Only)	91302		91302
2006-1976	CJ-5, CJ-7, Scrambler, Wrangler (LED-Entire Lamp w/ Side Markers)	G5212		G5202

## REPLACEMENT LENS ASSEMBLIES



50992



50972-5



85352-5, 85362-5



85450-5, 85460-5



85582-5, 85592-5



85622-5, 85632-5



G5212, G5202



## REPLACEMENT LENSES

Lens Model Number	Fits Lamp	Lens Model Number	Fits Lamp	Lens Model Number	Fits Lamp	Lens Model Number	Fits Lamp	Lens Model Number	Fits Lamp	Lens Model Number	Fits Lamp
09561	02001-4	90162 Cont.	45222	90481	61221	91302 Cont.	52912	91964 Cont.	46782	93003 Cont.	77683
09681	05001-5		49042	90482	55340		52972		46783	93005	77645
	05151	90163	45413	90483	55340		53702	91965	46792		77655
	05301-5		45223		64241		53712		46792-5		77715
	05041-5	90172	45462		64251		53722		46793		77675
	05051-5		45442		64261-4		53762		46793-5		77735
09781	06021-4	90173	45463		64271	91311	62151		46782	93013	77013
	06001-4		45443		64281	91482	50852		46783	93015	77015
	06201	90202	45932		64291-4		50862	91992	46772	93131	64371-5
	06013-4		46712	90642	51982		50872	91993	46773	93151	64541-5
09793	06021-4	90203	45933		51992	91502	55410	92031	77101	93151	64551-5
	06001-4		46713	90652	52482		55420	92032	77102	93163	63451-4
	06201	90221	62011		52492		55430	92033	77103		63331
	06013-4		62021	90742	51042		55440		77203		63391
90011	62151	90232	50630		51242-5		55450	92035	77105	93171	64481-5
	63001		50652		51342-5		55460	92062	G5300		64501-5
90012	50222		50662		52002		55470	92062	G5300	93252	45512
	50232		50852		52082	91503	55410	92162	46802		45522
	50352		50852-5		52112		55420	92163	46803	93383	76963
	50502		50862		52122		55430	92172	46862	93393	40063
	52522		50862-5	90743	52112		55440	92173	46863	93701	7764x
	55032		55220		52122		55450	92183	46433		7765x
	55092		55232	90752	51042		55460		46813		7766x
	55132		55242		51242-5		55470		47183		7767x
	55202		55280		51342-5	91513	55340	92193	46823		7768x
90013	5035-76		55290		52002		55410	92313	64163-5		7771x
90051	45172	90233	50630		52082		55420	92382	52362		7773x
	45173		55220		52112		55430		52372	93723	77473
90052	45012		55233		52122		55440	92432	46882		77483
	45172		55243	90762	52552		55450		49112	93891	61791
90053	45013		55253		52612		55460	92433	46883	94300	63971
	45173		55280		55112		55470	92453	76033		63H11
90072	45662		55290	90922	46282		45262	92611	61371		63821-5
	45712	90252	50852		46292	91572	45432	92773	45993		63821
	47262		50862		46892		49072	92792	52302		63861-5
	47252		50882	90923	46283		45263		52312		63861
90073	45663		50892		46293	91573	45433	92833	76463	94310	63H81
	45713	90302	45022		46893		60311	92883	76803		63H01
	47263		49002	91042	46302		63051		76923		63831-5
	47253	90303	45023	91043	46303	91582	53000		76933		63831
90092	78002	90342	50532	91101	61091		53020	92885	76805		63871-5
	78150		50542		61161		53052	92892	52062		63871
	78152	90353	76083	91112	46392		56000	92893	52023	94580	63571
90093	78003	90373	76203		46392-5		56020		52063		63671
	78150		76223		50532		56052	92901	61511		63881
	78153		76283		50532-5	91583	53000	92993	77123		63901
	78303	90383	76163		50542		53020		77703	94590	63591
90103	78003		76183		50542-5		53023		77723		63691
	78103		76193	91122	65240-5		56000		77503	94600	63581
90121	61081	90393	16063		52442		56020	93001	77671		63681
90122	46492-5		16172		52452	91683	46543		77641		99802
	46702		16173	91302	50902		46791	93002	77642		46333
	49072		16223		50912		46782		77652		78322
90123	46493-5	90401	61031		50942		G4602		77672		99833
	46703		61861		50952		G4602-5	93003	77733		99842
90133	45333		61991		50972	91963	46783		77643		50132
90152	45252		61760		50992		46793		77663		99843
	49062		61890		52602		G4603		77653		99912
	45672		61871		52802	91964	46792		77713		46322
90153	45253		61961		52812		46792-5		77133		99913
	45673		61931		52832		46793		77593		46323
90162	45412		61921		52902		46793-5		77673		

REPLACEMENT LENSES



09781



09793



09561



09681



90011, 90012,  
90012-5, 90013



90051, 90052,  
90053



90062, 90063



90072, 90073



90092, 90093



90103



90121, 90122,  
90123, 90122-5,  
90123-5



90133



90152, 90153,  
90152-5, 90153-5



90162, 90163



90172, 90173



90202, 90203,  
90202-5, 90203-5



90221



90232, 90233,



90252



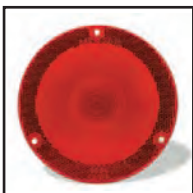
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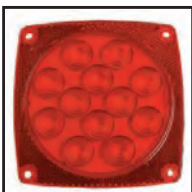
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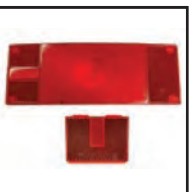
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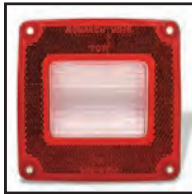


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## REPLACEMENT LENSES



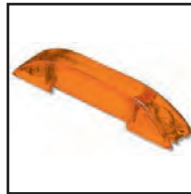
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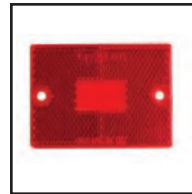
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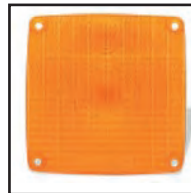
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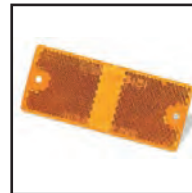
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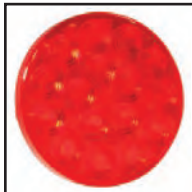
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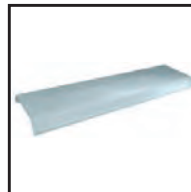
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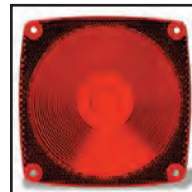
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92792

REPLACEMENT LENSES



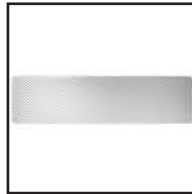
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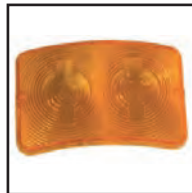
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93701



93723



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94590



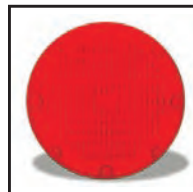
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99842, 99843



99912, 99913



## LIMITED WARRANTY

Grote Industries, Inc. ("Grote") warrants its products to be free from defects in material and workmanship under normal use and service as set forth in this Limited Warranty. THIS LIMITED WARRANTY is the final, complete and exclusive expression of warranty to the purchaser and cannot be modified except in writing signed by an authorized officer of Grote.

## GENERAL ONE-YEAR LIMITED WARRANTY

Subject to the following conditions, Grote warrants to the original purchaser only (and not to anyone else) of each new product made by Grote that any part thereof which proves to be defective in material or workmanship within one year from the date of manufacture by Grote will, at Grote's option, be repaired or replaced without charge upon return to Grote of the defective product, provided any defect in the product is brought to the attention of Grote within the warranty period, who alone will be authorized to furnish or arrange for repairs or replacements within the terms of this limited warranty.

The above limited warranty does not apply, and no warranty, either expressed or implied, shall be applicable (a) to damage resulting from accident, alteration, misuse or abuse; (b) if the product is not installed, operated and maintained according to procedures recommended by Grote; (c) if the serial number, date code, or other identifying marks affixed to the product by Grote are removed, obliterated or defaced. In no case shall the warranty be extended to defects in materials, components (which includes but not limited to bulbs), or services furnished by third parties nor to the installation of the product performed by third parties, except those performed by or on behalf of Grote authorized distributors. If any repairs are made, or any other parts are replaced during the warranty period, by any distributor other than a Grote distributor, in accordance with service manuals, parts, accessories, or attachments other than authorized by Grote for use in Grote's products, the purchaser shall pay for such repairs or parts without recourse against Grote, and Grote shall be relieved of responsibility for fulfillment of the warranty with respect to parts or components of all repairs, alterations, or replacements so made.

## INSTALLATION GUIDELINES:

**Grote Systems** - Grote lamp assemblies and harness products are designed to function as a complete system; therefore, this limited warranty shall not extend to failure of any Grote products caused by the use of incompatible lamp assemblies, harness products or other components.

**Heat** - All electronic and lighting products produce heat. The installer is responsible for assurance that the application of the component will not result in contact with flammable material.

**Surface Mount** - The following procedures need to be practiced to assure proper installation: The lamp should be placed on a level unobstructed surface. Number 10 screws should be tightened to 25 in. pounds of torque. Only Grote ULTRA-BLUE-SEAL® pigtails should interface with any Grote lamps. These guidelines will assure the products will function and last as they were designed. Deviations from these guidelines will void any warranty.

**Design Voltage and Current** - Current is provided as an approximate value and is listed for the design voltage of the lamp. The design voltage of the lamp may vary. Customers should contact Grote Industries if detailed information is required.

IN CONSIDERATION OF THE EXPRESS WARRANTY AND OTHER TERMS HEREIN CONTAINED, THE PURCHASER AGREES THAT PURCHASER'S EXCLUSIVE REMEDY AND GROTE'S SOLE LIABILITY ON ANY CLAIM, WHETHER IN TORT, CONTRACT

OR WARRANTY, SHALL BE LIMITED TO, AT GROTE'S OPTION, REPAIR OR REPLACEMENT OF A DEFECTIVE PRODUCT. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY; OR ANY OTHER INCIDENTAL LOSS OR DAMAGES) SHALL BE AVAILABLE TO PURCHASER. IN NO EVENT, AND FOR NO CAUSE WHATSOEVER, INCLUDING ANY BREACH OR DEFAULT BY GROTE, SHALL GROTE HAVE ANY MONETARY LIABILITY TO PURCHASER IN EXCESS OF THE PRICE PAID BY PURCHASER FOR THE PRODUCT IN QUESTION.

THIS LIMITED WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER EXPRESSED OR IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND OF ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF GROTE. NO DEALER, DISTRIBUTOR OR OTHER REPRESENTATIVE OF THE COMPANY IS AUTHORIZED TO CHANGE THIS WARRANTY IN ANY WAY OR TO GRANT ANY OTHER WARRANTY.

Any affirmation of fact or promise made by Grote shall not be deemed to create an expressed warranty that the products shall conform to the affirmation or promise. Any description of the product is for the sole purpose of identifying such product and shall not be deemed to create an express warranty that the product shall conform to the description. Any sample or product model is for illustrative purposes only and shall not be deemed to create an express warranty that the whole of the products shall conform to the sample or model. Further, no affirmation or promise, or description, sample or model shall be deemed a part of the basis of the bargain between Grote and the purchaser.

Grote assumes no responsibility that title conveyed to the purchaser is good or the transfer of title to the products is rightful, or that the products shall be delivered free from any security interest or other lien or encumbrance of any third party, or free from any rightful claim of any third party by way of infringement or otherwise.

## NON-TRANSFERABLE

THIS WARRANTY SHALL EXTEND ONLY TO THE ORIGINAL PURCHASER AND IS NON-TRANSFERABLE.

## EXCEPTIONS

The general one-year (1) limited warranty shall apply but shall be altered as set forth below for the following products:

- (1) All Grote Sealed Lamps (12 Volt Only) shall be subject to a two-year (2) limited warranty unless otherwise stated.
  - A) Grote Economy sealed lamps shall be subject to a one-year (1) limited warranty.
- (2) Conspicuity Tape shall be subject to a five-year (5) or ten-year (10) limited warranty. Please refer to the Grote catalog and/or Grote web-site for warranty time frame by part number.
- (3) Grote LED Products are subject to the terms set forth below under "Special LED Limited Warranty"
- (4) Grote ULTRA-BLUE-SEAL® Male Pin Wire Harnesses shall be subject to a seven-year (7) limited warranty.
- (5) Grote ULTRA-BLUE-SEAL® Female Pin (Standard) Harnesses shall be subject to a five-year (5) limited warranty.
- (6) Grote makes no warranty whatsoever with respect to bulbs and fluorescent tubes in lamp assemblies.
- (7) Grote makes no warranty whatsoever with respect to any and all devices powered by common household-type batteries.

## SPECIAL LED LIMITED WARRANTY

Grote LED lamps are covered by the Grote Special LED Limited Warranty and are warranted to be free from defects in workmanship and/or material only for the specified time frames listed below. Grote will replace any Grote LED lamp to the original purchaser, if the Grote LED lamp fails due to defects in workmanship and/or materials during the warranty time frame specified below:

THE LED LIMITED WARRANTY DOES NOT APPLY TO SEVERE APPLICATIONS such as off-road vehicles or construction equipment. These applications are examples for the purpose of illustration only; these examples are not intended to, and in fact do not, constitute an exhaustive list of "severe applications".

(1) Grote LED lamps are to REMAIN INTACT, FREE FROM PHYSICAL ABUSE, SUBJECT TO PROPER INSTALLATION WITHOUT MODIFICATION AND MUST BE USED ONLY WITH GROTE APPROVED WIRING ACCESSORIES. ANY VIOLATION OF THESE CONDITIONS WILL VOID THIS LED LIMITED LAMP WARRANTY. For guidance regarding proper installation, please see above under "Surface Mount Installation Guidelines".

(2) ANY DAMAGE DUE TO CHEMICALS OR INCOMPATIBLE CLEANERS WILL VOID THIS WARRANTY.

(3) Grote LED lamps are designed to work in conjunction with the Grote ULTRA-BLUE-SEAL® trailer wiring system including Grote factory molded pigtailed for use with the Grote ULTRA-BLUE-SEAL® trailer wiring system. Therefore, Grote LED lamps have a Limited Warranty based on the following criteria:

A – Grote SuperNova® high performance LED lamps are covered by a ten-year (10) Limited Warranty when installed with male pin, hard shell or patented double-seal pigtail connectors.

1) Grote SuperNova® high performance LED lamps are covered by a three-year (3) Limited Warranty when installed with hardwire bullet connectors.

2) Grote SuperNova® high performance LED lamps are covered by a two-year (2) Limited Warranty when installed with hardwire termination.

B – Grote Hi Count® LED lamps (part numbers that begin with a G) are covered by a two-year (2) Limited Warranty.

C – Grote WhiteLight™ LED lamps are covered by a three-year (3) Limited Warranty.

D – Grote Select™ high value LED lamps are covered by a two-year (2) Limited Warranty and Grote's exclusive Performance Advantage Plus Extended Warranty Program which is three-year (3) Limited Warranty when installed with Grote ULTRA-BLUE-SEAL® patented double-seal pigtail connectors.

E – Grote LED lamps that are hardwired and use standard bullet terminal/receptacle type connections are covered by a three-year (3) Limited Warranty.

F – Grote Warning & Hazard LED's are covered by a two-year (2) Limited Warranty.

1) Any and all LED Devices powered by common household-type batteries are not covered by Grote's "Special LED Limited Warranty".

G – Other Grote LED lamps for FMVSS applications excluding SuperNova®, MicroNova®, WhiteLight™ and Hi Count® are covered by a two-year (2) Limited Warranty.

H – Other Grote LED lamps (non-FMVSS) are covered by a one-year (1) Limited Warranty.

LED Brand Category	Termination Style					
	Male Pin	Hard Shell	Female Pin	Hardwire w/Bullet Connectors	Hardwire	Patented Double-Seal Pigtail
Grote SuperNova®	10	10	N/A	3	2	10
Grote MicroNova®	N/A	N/A	N/A	3	N/A	N/A
Grote Hi Count®	N/A	N/A	2	N/A	2	N/A
Grote LED WhiteLight™	3	3	3	3	3	N/A
Grote Select™	N/A	N/A	2	N/A	N/A	3
Grote Warning & Hazard LED's	2	N/A	N/A	2	2	N/A
Grote LED's (FMVSS)	2	N/A	2	2	2	N/A
Grote LED's (non-FMVSS)	N/A	N/A	N/A	1	1	N/A

N/A - Not Available or None      Number represents the years of warranty from manufacture date

## QUALITY SYSTEMS:

Product within the catalog may be manufactured under various quality system certifications. If a customer requires particular quality certifications on specific products, they may contact Grote Industries for detailed information.

## END USER RESPONSIBILITY:

Each user bears full responsibility for making their own determination as to the suitability of Grote materials, products, recommendations, or advice for their own particular use. Each user is ultimately responsible to identify and perform tests and analyses necessary to assure that its finished parts incorporating Grote products will be safe and suitable for use under end-user conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of this Limited Warranty or this Disclaimer, unless any such modification is specifically agreed to in writing signed by a Grote Industries Representative.

## INTELLECTUAL PROPERTY:

No statement contained herein concerning a possible or suggested use of any material, product or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Grote Industries or any of its subsidiaries or affiliates covering such use or design, or as a recommendation for the use of such material, product or design in the infringement of any patent or other intellectual property right.

The information in this catalog is deemed correct at the time of publication and is provided in good faith. There may be inaccuracies due to legislative changes, competitive part number changes, technological advances or typographical errors. Customers should contact Grote Industries for updated information.

## WARRANTY RETURN AND REPLACEMENT INSTRUCTIONS

To be eligible for limited warranty consideration, either contact your Grote sales representative or call Grote customer service at 800.628.0809 (In Canada call 800.268.5612). Upon issuance of a returned goods authorization number, return the failed product, freight prepaid to: Warranty at Grote Industries, Inc., 2600 Lanier Drive, Madison, Indiana 47250. In Canada, return product, freight prepaid to: Warranty at Grote Industries Co., 230 Travail Road, Markham, Ontario L3S 3J1. Any product covered under the terms of the respective limited warranty will be replaced directly to the original consumer/purchaser only. Items received by Grote will not be returned unless accompanied by a specific written request. The product to be returned will be those items not covered under the warranty and will be returned to sender freight collect.

## CONSUMER RIGHTS IN VARIOUS STATES

This warranty gives you specific legal rights, and you may have other rights that vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. Further, some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

Effective October 1, 2012

## MAXXIMA-TO-GROTE INTERCHANGE

Maxima PN	Grote Form, Fit and Function	Grote Fit and Function
M09100R	47112	
M09100R	G3002	
M09100Y	47113	
M09100Y	G3003	

## MAXXIMA-TO-GROTE INTERCHANGE

Maxima PN	Grote Form, Fit and Function	Grote Fit and Function
M09105R	47212	
M09105R	G3092	
M09105Y	47213	
M09105Y	G3093	
M09250R-X	47112	
M09250Y-X	47113	
M09300R	49332	
M09300Y	49333	
M09320R-X	49322	
M09320R-X	49322	
M09320Y-X	49333	
M11201R	47222	
M11201R	G1082	
M11201Y	47223	
M11201Y	G1083	
M11256R	G1032	
M11256R	G1092	
M11256Y	G1033	
M11256Y	G1093	
M11260R	46142	
M11260R	47122	
M11260Y	46143	
M11260Y	47123	
M11300R	G1032	
M11300R	G1092	
M11300Y	G1033	
M11300Y	G1093	
M11303R		49162
M11350R-X	G1032	
M11350R-X	G1092	
M11350Y-X	G1033	
M11350Y-X	G1093	
M16280R	G1032	
M16280R	G1092	
M16280Y	G1033	
M16280Y	G1093	
M16800R	47222	
M16800R	G1082	
M16800Y	47223	
M16800Y	G1083	
M20311R	G5052	
M20311Y	G5053	
M20315R	G4602	
M20315Y	G4603	
M20320R	47082	
M20320Y	47083	
M20323R		49182
M20325	94233	
M20326		43970
M20327	43970	
M20328	43980	
M20330R	G2102	
M20330Y	G2103	
M20332R	47252	
M20332Y	47253	
M20340R	49252	
M20340Y	49253	
M20343R		49122
M20343R		49212-5
M20350R	G1902	
M20350R/Y		46740
M20350Y	G1903	
M20355		43850
M20356		43850
M20361Y	47063	
M20395R	46832	
M20395Y	46833	
M34100Y	47113	
M34100Y	G3003	
M34260R	47112	

Maxima PN	Grote Form, Fit and Function	Grote Fit and Function
M34260R	G3002	
M34260Y	47113	
M34260Y	G3003	
M34600R	47212	
M34600Y	47213	
M42100R	G4002	
M42100Y	G4003	
M42201R		G4502
M42201Y		G4503
M42213R	G4502	
M42213Y	G4503	
M42220		50920
M42220		G5202
M42320R	G4002	
M42322R		54342
M42322Y		54343
M42332R/Y	G5530	
M42333R/Y	G5540	
M42339Y		54343
M42339Y	54643	
M42341R/Y		G5300
M42344R		54362
M42346R		54342
M42347		62791
M42354R		54042
M42354R	54572	
M43253	43253	
M43253CH	92513	
M49700	94180	
M50102	91410	
M50103	43823	
M50300-B	92120	
M50303		43153
M50310	43673	
M50400-B	91740	
M50410	93683	
M50410		93553
M50600-B	92420	
M63100R	G6002	
M63100Y	G6003	
M63120Y		54183
M63120Y		54193
M63120Y		54213
M63121Y	52193	
M63253	43220	
M63253CH	43223	
M63254-OVAL		42103 + 43723
M63322Y	54133	
M63339Y		54173
M63346R		54172
M63420R		53962
M63420R		54162
M63420Y		53963
M63420Y		54163
M84405		61171
M84407-A		61871
M84433		61411
M84435		61391
M90061R	53422	
M90081Y	55983	
MWL-01		63551
MWL-01HP	63861	
MWL-05SP	63601	
MWL-06SP		63601
MWL-11HL		63861
MWL-12	63971	
MWL-16	63981	

## PETERSON-TO-GROTE INTERCHANGE

Peterson PN	Grote Form, Fit and Function	Grote Fit and Function
45	43424	
46	43901	
320	55450	
321	55460	
326	55470	
335	56020	
337	56000	
367	61871	
400	60001	
413	50232	
413	50232-5	
415	62271	
428	50872	
428	50872-5	
435	60151	
436		60011
438	60101	
438	60101-5	
440	52302-5	
442	50912	
445	50972	
445	50972-5	
449	71422	
459		71152
500	48072	
511	64340	
512		63F61
554	44810	
554	44810-5	
557	44820	
570	44530	
570	44530-5	
571	44540	
571	44540-5	
573	44690	
574	44700	
576	44710	
577	44720	
579		44730
591	18252-5	
595	18103-5	
598	18302-5	
605	28162	
606	12111-5	
607	12272-5	
608	16032	
609		12101
615	16244	
616	16092	
617	16021	
654	28032	
655	28042	
666	26012-5	
780	73040	
780	73040-5	
781	73090	
810	28323-5	
815	28393-5	
821	28093-5	
830	12073	
830	12073-5	
831	12112-5	
832	12113-5	
833	12263-5	
907	63551	
1841	44134	
1941	44421	

Peterson PN	Grote Form, Fit and Function	Grote Fit and Function
2757	53833	
3132		50642
3132		50642-5
3342	53052	
3352	53020	
3372	53000	
4591	71152	
4651	41160	
7991		77263
10609	43673	
10609	43673-5	
13918	94110	
14209		43690
14218	91410	
14249	67050	
14249	67050-5	
14318	91400	
14418	92070	
14618	92120	
15009	43970	
15010	43980	
15410		43783
16249	67001	
16249	67001-5	
16309	43690	
41021		99595
41107	68170	
41307	68130	
41748	66862	
41749	66861	
42015	91482	
42109	43362	
42149	67014	
42149		67010
42409		92510
42609	43572	
42610	43655	
42618	91740	
42809	43272	
42809	43272-5	
43149	67010	
44015		92792
44525		91302
45171	43411	
150091	43380	
160491		66931
160492	66930	
162491	66850	
162493	66851	
417491	66860	
421491	67090	
421491	67090-5	
421491		66843
421491		66843-5
431491	67000	
10015A		90163
10015R		90162
100A		45413
100R		45412
104A	45413	
104A	45413-5	
104R	45412	
104R	45412-5	
106A	45933	
106A	45933-5	
106R	45932	
106R	45932-5	
10715A		92433
10715R		92432
1073R	49112	

Peterson PN	Grote Form, Fit and Function	Grote Fit and Function
1073R	49112-5	
107WA	46883	
107WA	46883-5	
107WR	46882	
107WR	46882-5	
10815A		90203
10815A		90203-5
10815R		90202
10815R		90202-5
108WA	46713	
108WA	46713-5	
108WR	46712	
108WR	46712-5	
10915A		90133
11015A		90303
111R	49002	
117A		45993
11815A	91683	
118A	46543	
118A	46543-5	
11915A	90053	
11915R	90052	
119A		45173
119R		45172
120A		46003
122A		46283
122R		46282
123A	46283	
123R	46282	
12415A	90923	
12415R	90922	
124A	46893	
124A	46893-5	
124R	46892	
124R	46892-5	
13025A		91043
13025R		91042
130A	46303	
130R	46302	
13415A		90123
13415A		90123-5
13415R		90122
13415R		90122-5
135A	45263	
135A	45263-5	
135R	45262	
135R	45262-5	
13615A	90153	
13615A	90153-5	
13615R	90152	
13615R	90152-5	
136-3R	49062	
136A	45253	
136A	45253-5	
136R	45252	
13815A		91963
13815A		91963-5
13815R		91962
13815R		91962-5
138A	46793	
138A	46793-5	
138R	46792	
14218K	94000	
142A	45813	
142A	45813-5	
142KA	45043	
142KR	45042	
142R	45812	
142R	45812-5	
14318K	94010	



## PETERSON-TO-GROTE INTERCHANGE

Peterson PN	Grote Form, Fit and Function	Grote Fit and Function
143A	45833	
143FA	45833 + 43162	
143FR	45832 + 43162	
143R	45832	
145A	47013	
145R	47012	
14618K	94100	
146A	45823	
146A	45823-5	
146FA	45823 + 43152	
146FR	45822 + 43152	
146R	45822	
146R	45822-5	
1503A	49173	
1503R	49172	
150A	46413	
150A	46413-5	
150R	46412	
150R	46412-5	
153A	G1503	
153C-BT2	60671	
153R	G1502	
15409K	43850	
154A	46743	
154A	46743-5	
154C	60291	
154C	60301	
154KA		45093
154KR		45092
154R	46742	
154R	46742-5	
155A		46833
155A		46833-5
155R		46832
155R		46832-5
15625A		92163
15625R		92162
156A		46803
156R		46802
158A		47073 + 66911
158R		47072 + 66911
160A	49253	
160R	49252	
161A	49413	
161R	49412	
162A	47123	
162R	47122	
164A	47113	
164R	47112	
168C		60421
176KA	49333	
176KR	49322	
176KR	49332	
187A	47163	
187R	47162	
188A	G2103	
188A	G2103-5	
188A	47073	
188R	G2102	
188R	G2102-5	
188R	47072	
2636A		46413 + 91380 + 67050
2636R		46412 + 91380 + 67050
2637A	45093	
2637R	45092	

Peterson PN	Grote Form, Fit and Function	Grote Fit and Function
2668A	55573	
2668R	62171	
3132RA	50630	
3132RA	50630-5	
313AA	55223	
313AA	55223-5	
32615A		91503
32615R		91502
338-15A		90233
338-15R		90232
352A	52513	
352R	52512	
393A		53133
394C	60361	
41015A		90013
41015C		90011
41015R		90012
41015R		90012-5
41415C	91311	
41524V	62321	
415K	62331	
415K24V	62321 + 91740 + 67010	
416K	62251	
417KR		53312 + 91740 + 66830
417R		53312
417TA		53413
418KR		53182 + 66830
418R		53182
418SA		77353
418SR		77352
420C5P	62751	
420KR		53962 + 92420 + 66830
420R		53962
421A	52183	
421A	52183-5	
421AEF	55773	
421AER	55772	
421KA	52573	
421KR	52572	
421R	52892	
421R	52892-5	
422R	52922 + 64930	
423KR		53622 + 66830
423R		53622
426A	52773	
426A	52923	
426A24V	52153	
426AEF24V		52153
426AER	55572	
426AER24V		52152
426KR	52782	
426R	52772	
426R	52922	
426R	52922-5	
426R24V	52152	
427KR	52682	
428S	50862	
428S	50862-5	
428W	50852	
428W	50852-5	
430L		51042
436SX	60011	
436SX	60011-5	
440-09	43262-5	
440L	52312	
440L	52312-5	
442L	50902	

Peterson PN	Grote Form, Fit and Function	Grote Fit and Function
4654K	40650-5	
504HF	63151-5	
504HF	63181-5	
504HT	63171-5	
504HT	63201-5	
505K	64261-4	
507F	64931	
507F		64991
507LU	64930	
608O	12173	
608X	16033	
616W	16091	
617X	16023	
617XH	16053	
653X	28083-5	
654X	28033	
654X	28033-5	
655X	28043	
666W	26001-5	
717A	55993	
717R	55982	
746A		77103
746B		77105
746R		77012
753A	76813	
753MA	76813 + 43090	
754A		76223
756A	76163	
756MA	76183	
76625A	92033	
766A	77101	
7691C		77101
7691R		77102
769MA		77203
77415A		92453
789MA		77903 + 97750
793A	77123	
794A1	43100	
799K		52010
812L	28433-5	
812R	28423-5	
909-MV	63981	
910MV		63981-5
910-MV-PKD	63981-5	
911-MV		63861
911-MV-PKD	63861	
95A		46413 + 43370
95R		46412 + 43370
96A		46413 + 43380
96R		46412 + 43380
B13415C		90121
B13815B		91964
B13815C		91961
B13815G		91965
B150-181	91380	
B160492	66931	
B33415A		91583
B33415R		91582
B472A	40233	
B477A	40093	
B477R	40092	
B481R	40072	
B481R	40072-5	
B489A		41153
B489R		41152
B490A	41143	
B490R	41142	
B490R	41142-5	
B491A	41153	

## PETERSON-TO-GROTE INTERCHANGE

Peterson PN	Grote Form, Fit and Function	Grote Fit and Function
B491R	41152	
M110C	45021-5	
M122A		46893
M122R		46892
M126A	47053	
M126C	47051	
M126R	47052	
M138B		46793-3 + 91965
M138C	46791	
M138G		46793-3 + 91964
M143FA	45833 + 43162	
M143FR	45832 + 43162	
M146FA	45823 + 43152	
M146FR	45822 + 43152	
M150W	60271	
M158A	47073 + 66910	
M158R	47072 + 66910	
M163FR		47202
M164C	45811	
M164FA		47113 + 43152
M164KR		47112 + 43152
M165FA	47113-3 + 43152-3	
M165FR	47112-3 + 43152-3	
M172A	G1033	
M172A	G1033-5	
M172R	G1032	
M172R	G1032-5	
M187A-MV	47353	
M187R-MV	47352	
M306A	53133	
M306R	53132	
M343A	53853	
M352KA	52253	
M355A	54193	
M355AF	54213	
M360		61261
M360-BT2		61F61
M380S	61161	
M387S		61371
M389S	61091	
M391		61491-5
M392C		62021
M392C		62021-5
M393C	62291	
M395C		61821
M396C	61031	
M408	64411	
M4102	50352	
M411C	60311	
M413S	52522	
M416	62231	
M417C-5AMP		62791
M417TA		54643
M417W-2	61G91	
M418R-3AMP	54572	
M418R-3P	54582	
M418TA		54633
M418W-2	61E41	
M421A	52893	
M421A	52893-5	
M421KA	53093	
M421KR	53092	
M426KR	53012	

Peterson PN	Grote Form, Fit and Function	Grote Fit and Function
M426KR	53012-5	
M427R	52672	
M428	50882	
M433S		61221
M434	61501	
M436B	60081	
M437	60251	
M437	60251-5	
M439		60001
M452	52442	
M452L	52452	
M456L	52482	
M456L	52492	
M517S		7803
M526	64401-5	
V109A		45333
V110A	45023	
V110A	45023-5	
V110R	45022	
V110R	45022-5	
V114A	46983-5	
V114R	46982-5	
V133XA		47263
V133XR		47262
V139A	46783	
V139R	46782	
V150KA	46422-5	
V150KR	46423-5	
V153KA	47083 + 43980 + 67001	
V153KR	47082 + 43980 + 67001	
V158KA	47073 + 66910	
V158KR	47072 + 66910	
V160KA	47243 + 66930	
V160KR	47242 + 66930	
V161KA	65203	
V161KR	65202	
V162KA	47123 + 91400 + 67001	
V162KR	47122 + 91400 + 67001	
V164KA	47113 + 92120 + 67001	
V164KR	47112 + 92120 + 67001	
V168A	45003-5	
V168R	45002-5	
V169-3R	49192	
V170A	47853-5	
V3392	50652	
V366		61861
V379S	61171	
V384	61641	
V391C	61491-5	
V408		64411
V41015R		90762
V417KR	G4012	
V417KR	53312 + 91740 + 66830	
V417KR2	53252 + 91740 + 66830	
V417KTA	53413 + 91740 + 66830	
V417R	G4002	
V417R	G4002-5	
V418KR	53182 + 66830	
V418KR2	53292 + 66830	
V418KTA	G4023 + 66830	

Peterson PN	Grote Form, Fit and Function	Grote Fit and Function
V420KR	53962 + 92420 + 66830	
V420KR2	53962 + 92420 + 66830	
V421R	52182	
V421R	52182-5	
V423KR	53622 + 66830	
V423KR2	53622 + 66830	
V426KR		52782
V434	61501-5	
V435	60151-5	
V452		51932
V452L		52452
V472A	40233-5	
V472R	40232	
V472R	40232-5	
V475A	40053	
V475A	40053-5	
V475R	40052	
V480A	41033	
V480A	41033-5	
V480R	41032	
V480R	41032-5	
V483A		40303
V483R		40302
V487A	40133	
V487A	40133-5	
V487R	40132	
V487R	40132-5	
V500		48072
V506		63981
V507F	64931-5	
V520-40	44840-5	
V530		64481-5
V531	64501-5	
V534-2	64371-5	
V540	65370-5	
V5425Y	68540-5	
V543	65312	
V544	65440-5	
V547	65300-5	
V555	65730-5	
V555		65402-4
V5671	64351-5	
V582-2	64481-5	
V599	12312-5	
V600	12201-5	
V602	12164-5	
V603	12004	
V603	12004-5	
V603L	12014	
V603L	12014-5	
V766MA	77203	
V771A		76183
V773A		76083
V774A	76033	
V774B	76035	
V774R	76032	
V809		28032
V809F		28162
V809X		28033
V911-MV	63861-5	
V940	65330-5	
V941	65320-5	
VH549	92701-5	
VH550	90861-5	
VH551	90971-5	

## TRUCK-LITE-TO-GROTE INTERCHANGE

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
32		40302
37	41160	
41	40232	
41		40162
43	40192	
45	41002	
45		40072
47	40052	
47	40062	
47		40152
50	43411	
52	41012	
52		40092
54	41032	
57	40152	
102	44170	
172	44530	
173	44540	
182	44690	
183	44700	
191	44460	
262	44810	
263	44820	
264	44893	
266	44730	
275	44010	
276	44030	
282	44710	
283	44720	
285	44891	
333		76032
528	52492	
529	52482	
541	50862	
541	50862-5	
542	50852	
542	50852-5	
542		50852
544		50862
548	53132	
790		43970
791	94233	
793	43980	
797	71152	
798	71422	
801	42180	
802		43970 + 67050
808		49172
900	48072	
1050	G1032	
1050	G1032-5	
1051	G1042	
1052	45832	
1075	G1082	
1150	46322	
1155	G5052	
1203	46782	
1204		46782 + 43673
1211		46792
1213	46792	
1215	49082	
1216		49082
1222	46712	
1222	46712-5	
1259	45262	
1259	45432	

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
1259	45262-5	
1264	45932	
1264	45932-5	
1294	45412	
1294	45412-5	
1507	46882	
1507	46882-5	
1520	45512	
1520	45512-5	
1555	45252	
1555	45672	
1555		45382
1560	G1502	
1570	46982-5	
1571	47052	
1960	G1902	
1960	G1902-5	
2110		50882
2112	50882	
2150	G2102	
2150	G2102-5	
2660	G4602	
2660	G4602-5	
2673	47252	
2701	56052	
2702	53052	
2750	G5300	
2753	G5530	
2753	G5530-5	
2756	G5540	
2756	G5540-5	
2756	G5543-5	
2801	56020	
2803	53020	
3050	G3002	
3050	G3002-5	
3075	G3092	
3616	52612	
3701		56052
3702		53052
3763	53032	
3802	56000	
3812	53000	
3850		55220
4013	50912	
4014	50902	
4015	50952	
4016	50942	
4023	52912	
4024	52902	
4025	52812	
4026	52802	
4027	50972	
4027	50972-5	
4028	50992	
4050	G4002	
4050	G4002-5	
4051	G4022	
4091	52062	
4091		52063
4094		52062 + 66905
4095	53062	
4550	G4502	
4742	55410	
4754	55420	
4801	55280	
4805	55470	
4854	55430	
4855	55440	
5013	53712	

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
5014	53702	
5023	53762	
5060	G5212	
5061	G5202	
6050	G6002	
6050	G6002-5	
6051	G6012	
6502	50132	
6503	56072	
7038	12201-5	
7039	12004	
7039	12004-5	
7044	12014	
7044	12014-5	
7048	12164	
7518	28423-5	
7519	28433-5	
7555	28293-5	
7619	18302-5	
8160	63611	
8170		63611
8810	92980	
8820	92970	
9007	91962	
9007	91962-5	
9071	91302	
9093	91572	
9101	68110	
9102	68170	
9160	68080	
9179	43673	
9179	43673-5	
9180	94110	
9199	43112	
9296		43112
9464	68680	
9465		66826
9470		68680
9536	51012	
9537	51002	
10400		42180
10401	94010	
10403		91880
10404	94000	
10410	43430	
10412	91890 + 67050	
10414	93750 + 67050	
10700	91400	
10702	92070	
10704	91410	
10708	91880	
10718		92070
10722	91890	
10725	93750	
10728		42170
10728		43040
10729	43512	
10730	43522	
10732	49140	
10738	43760	
14700	93400	
14701	93402	
15011	60460	
15012		60460
15040	60681	
15041	60701	
15208		60261
15227	60671	
15401	43380	
15404	43970	

## TRUCK-LITE-TO-GROTE INTERCHANGE

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
15412	43370	
15415		46740
15416	46740	
15702	91380	
15720		43380
15727	42131	
15728	42141	
15729	43960	
15729		43830
15736	42162	
19206	60291	
19206		60661
19206		60711
19720	43780	
19721	43390	
19721	43850	
19723		43120
19724	43120	
19726		43850
19740	43790	
19748	43783	
26001	60251	
26330	60151-5	
26331	60101	
26331	60101-5	
26336	60251-5	
26380	93610	
30400		43150
30400		43152
30400		43153
30400		43160
30400		43162
30400		43163
30401	92120	
30402	92150	
30404	93760	
30410		43690
30711		92120
30721	43690	
30728	43532	
30729		93760
33710	42110	
33711	42112	
33711		42110
35720	43230	
40003	61431	
40004	62181	
40012	62321 + 91740 + 67010	
40023	61461	
40023	61451 + 92511 + 67010	
40044	62221	
40071	62221 + 92512 + 67013	
40203	61051	
40203	61451	
40204	62271	
40212	62321	
40223	61451 + 92511	
40224	62271 + 92511	
40244	62171	
40244	62211	
40260	62211 + 92512	
40261	62211 + 92511	
40262	62271 + 92512	
40403	67150	

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
40626	51032	
40627	51022	
40700	91740	
40701		91740
40719	43572	
40719		42052
40720	43572 + 92512	
40721		51052
40725	51090	
40726	43572 + 92512	
40756	51052	
40850	50820	
42722	43022	
42722	43022-5	
42722		43272
42722		43262-5
42722		43272-5
44705	43343	
44708		43343
45004		62381
45720		43212
45721	43212	
50385	66101	
50831	93190	
50878	87140	
50879	87150	
60403	67151	
60704	92720	
60709		92720
60719	42103	
60720	43362 + 43222	
60722	43362	
60723		43362 + 43222
60724		43362
60731	43100	
60733	43952	
70311	50630	
70311	50630-5	
80202		64111
80203		64411
80220		63971
80304	62331	
80340	62021	
80340	62021-5	
80342		62151
80345	62151	
80350	61821	
80356	63061	
80360	64931	
80364	64441	
80395		64891
80397		63221-5
80418	61511	
80442		61371
80444	61371	
80490	61031	
80491	64901	
80513	64401-5	
80514	64351-5	
80520		64061-5
80520		63481 (x2) + 68460-5
80560	92701-5	
80561	91051	
80563	90620	
80563	90861-5	
80720		43842
80800		64261-4
80805	63451-4	
80805		64291-4

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
80810		64241
80820		64251
80848	63381	
80848		64271
80849	63391	
80849		64281
80888	63441-4	
80893		63451-4
81360		63561
81360		63861
81380	63551	
81380		63871
81712		63571
81812		63671
92100		01-5444-71
92560	77013	
92716	44740	
92900	73040	
92902	73110	
92903		73030
92905		73080
92907	44421	
92910		73040
92911		73110
92916	73220	
92923	73080	
92924	73090	
92927	73030	
94609	66930	
94706	66860	
94707	66861	
94718		66931
94727	66981	
94736	66931	
94750	66810	
94759	66862	
94782	66932	
94802	66811	
94802		67090
94850	66800	
94853	66820	
94857	66831	
94882	66844	
94902	67001	
94923	66190	
94925	67010	
94926	67000	
94961	67011	
94962	66812	
94964	66840	
94972	66801	
94991	67014	
94993	67090	
95424		66861
96106	66911	
96107	67002	
96108	66842	
96930	66360	
96932		66360
96959	66100	
96960	66160	
96966	66170	
96973	66161	
97002	99502	
97151	87110	
97153	87111	
97160	87100	
97161	87101	
97171	00840 + 00841	
97172	00840 + 00842	



# Technical Information

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## TRUCK-LITE-TO-GROTE INTERCHANGE

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
97173	00840 + 00843	
97174	00840 + 00844	
97175	00840 + 00845	
97176	00840 + 00846	
97283	44090	
97300	44040	
97384	28763	
97602	12073	
97602	12073-5	
97603	12072	
97603	12102	
97609		12020
97611	28032	
97612	28031	
97614	12813	
97614		12283
97615		12813
97618	28033	
97621	12053	
97621	28043	
97622	12052	
97622	28042	
97623	28041	
97624	16284	
97625	16294	
97626	16304	
97627	16244	
97628	16021	
97628		16244
97631	16172	
97631	16173	
97631		16063
97632	16043	
97632		16041
97636	16142	
97637		16273
97638	16273	
97639	16153	
97649	16092	
97651	16102	
97654		12122
97655	12243-5	
97656		12101
97660	12111-5	
97664		28481
97665	28481	
97667	28493	
97668		28453
97669	28451	
97672	12303	
97673	12301	
97675	12333	
97676	12331	
97678		28091-5
97678		28093-5
97682	28323-5	
97686	28443	
97686		28063
97688	28491	
97693		26001-5
97693		26012-5
97693		26021-5
97693	16123 + 22013	
97695		22013 + 22233
97718	11303	
97718		11133

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
97719	10012	
97720	10002	
97721	10013	
97721	10025	
97721		10012
97725	22233	
97726	22232	
97731	10045	
97733	11293	
97748	10623	
97794	12193-5	
97802	28152	
97802		28162
97803	12183	
97803	12293	
97803	16033	
97803		12983
97804	12182	
97804	16032	
97805	12113-5	
97805		12112-5
97806	16091	
97806		16093
97807	12071	
97808	16101	
97809	16053	
97812	16023	
97814	12173	
97814		12172
97819	28663	
97822	16123	
97823	10173	
97827	16223	
97828	10433	
97829	22193	
97835	12020	
97837	28463	
97837		28461
97843	22013	
97843		22061
97843		22063
97845	29060	
97846	28453	
97852		28083-5
97860		16202
97863	12010	
97863	12272-5	
97940	99180	
97944	99170	
97960	43901	
97980	64930	
97989		64890
98100	40641	
98100		40701
98100		41271
98101	40650	
98107	41080	
98110	41133	
98127	41050	
98127	40650-5	
98153	41121	
98155		41121
98168		41273
10004R		42180 + 67050
10004R3		42180 + 67050-3
10004RP		42180 + 67050-3
10004Y		45812 + 42180 + 67050
10028R	45072	

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
10028R1		45072
10028Y	45073	
10028Y1		45073
10050R	47472	
10050R1		47472
10050Y	47123	
10050Y1		47473
10075R		G1032 + 91400 + 66850
10075R3		G1032-3 + 91400-3 + 66850-3
10075Y		G1033 + 91400 + 66850
10075Y3		G1033-3 + 91400-3 + 66850-3
10076R		46142 + 91400 + 66850
10076R1		46142 + 91400 + 66850
10076Y		46143 + 91400 + 66850
10076Y1		46143 + 91400 + 66850
10079R		47122 + 43160 + 66850
10079Y		47123 + 43160 + 66850
10085R	47242	
10085R1		47242
10085Y	47243	
10085Y1		47243
10086R		46142 + 91400 + 66850
10086Y		46143 + 91400 + 66850
10089R		46142 + 43160 + 66850
10089Y		46143 + 43160 + 66850
10090R		47122 + 43160 + 66850
10090R1		47122 + 43160 + 66850
10090Y		47123 + 43160 + 66850
10090Y1		47123 + 43160 + 66850
10091R		46142 + 43160 + 66850
10091Y		46143 + 43160 + 66850
10092R		46142 + 43160 + 66850
10092Y		46143 + 43160 + 66850
10202C	45811	
10202R	45812	
10202R	45812-5	
10202Y	45813	
10202Y	45813-5	
10203R	45322	
10203Y	45323	
10204R	45182	
10204Y	45183	
10205R1		45832
10205Y	45833	
10205Y1		45833
10212Y	78343	
10250R	47122	

## TRUCK-LITE-TO-GROTE INTERCHANGE

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
10251R	47122 + 43160	
10251R3	47122-3 + 43160-3	
10251Y	47123 + 43160	
10251Y3	47123-3 + 43160-3	
10276Y	G1083	
10279R	47372	
10279Y	47373	
10286R	G1002	
10286Y	G1003	
10288R	G1002 + 43162	
10288R3	G1002-3 + 43162-3	
10288Y	G1003 + 43162	
10288Y3	G1003-3 + 43162-3	
10289R	G1002 + 43160	
10289Y	G1003 + 43160	
10379R		47122 + 43160
10379Y		47123 + 43160
10385R	46142	
10385Y	46143	
10389R		46142 + 43160
10389Y		46143 + 43160
10391R		46142 + 43162
10391Y		46143 + 43162
1050A	G1033	
1050A	G1033-5	
1051-3	G1043	
10519R	45042	
10519R1		45042
10519Y	45043	
10519Y1		45043
10520R	45812 + 93750	
10520Y	45813 + 93750	
10744R	49142	
1150A	46323	
1155A	G5053	
1155A	G5053-5	
1203A	46783	
1204A	46783 + 43673	
1211A	46793	
1211A	46793-5	
1211W	46791	
12200R	46092	
1222A	45933	
1222A	45933-5	
1259A	45263	
1259A	45433	
1259A	45263-5	
1294A	45413	
1294A	45413-5	
1312A	45333	
1313A	46003	
1350A		45333
14200R	45232	
14200Y	45233	
15006R	46412 + 43370	
15006Y	46413 + 43370	
15008R		46412 + 43370
15008Y		46413 + 43370
15011-1		60261 + 43960
15011-3	60261-3 + 43960-3	
15013-1		60261 + 43960
15033Y	G1503	

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
1506A		45253
1507A	46883	
1507A	46883-5	
1508R	49112	
1508R	49112-5	
15200C	60271	
15200R	46412	
15200R	46412-5	
15200R	46422-5	
15200Y	46413	
15200Y	46413-5	
15200Y	46423-5	
1520A	45513	
1520A	45513-5	
1520AHT	45523	
1520HT	45522	
15250R	47082	
15250Y	47083	
1555A	45253	
1555A	45673	
1555A	45253-5	
1555A		45383
1570A	91113	
1571A	47053	
1571AD		47053
15745R	49172	
15745Y	49173	
18050R	47732	
18050Y	47733	
18300R1		47732
18300Y1		47733
19002R	45092	
19002R1		45092
19002Y	45093	
19002Y1		45093
19006R	G1902 + 43850	
19006R1		G1902-5 + 43850
19006Y	G1903 + 43850	
19006Y1		G1903-5 + 43850
19020Y	G1903	
19020Y	G1903-5	
19031R		65202
19031Y		65203
19032R	47092	
19032Y	47093	
19200C	60301	
19200R	46742	
19200R	46742-5	
19200Y	46743	
19200Y	46743-5	
19205Y	78393	
19275R		47492
19275R	49412	
19275Y		47493
19275Y	49413	
19375R	47492	
19375Y	47493	
19680A	78473	
21001R	46072	
21001R1		46072
21001Y	46073	
21001Y1		46073
21051R	47072	
21051R1		47072
21051Y	47073	
21051Y1		47073
21056R	47352	
21056R	47352	

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
21056Y	47353	
21056Y	47353	
21200R	46832	
21200R	46832-5	
21200Y	46833	
21200Y	46833-5	
21201R	46872	
21201R	46872-5	
21201Y	46873	
21201Y	46873-5	
21204C	60331	
21210Y	78363	
21251R	47072	
21251Y	47073	
21271R	54002	
21275R	47162	
21275R		47162
21275Y	47163	
21275Y		47163
21506R	46832 + 66910	
21506Y	46833 + 66910	
21507R	46872 + 66910	
21507Y	46872 + 66910	
2150A	G2103	
2150A	G2103-5	
22002Y	53063	
22004Y		53063
22006R		54012
22016Y		53163
25062Y		46003
25750Y	47063	
25760Y		45503
25760Y		46543
25760Y		46543-5
25761Y		46433
25761Y		46493-5
25765Y	46913	
26250R	47262	
26250Y	47263	
26251R		47262
26251Y		47263
262D		44810
26311R	46282	
26311R	46292	
26311Y	46283	
26311Y	46293	
26313R		45172
26313Y		45173
26315R	45012	
26315Y	45013	
26353R	46332	
26353Y	46333	
26393C	G6261	
26393C		60361
2660A	G4603	
2660A	G4603-5	
2673A	47253	
26741R	49002	
26760Y	45993	
26762Y	92773	
26771Y1		46323
2701A	56053	
2702A	53053	
2753-3		G5530
2756-3		G5540
29002R	46832 + 66910	
29002Y	46833 + 66910	
29202R		45442
29202R		45462

## TRUCK-LITE-TO-GROTE INTERCHANGE

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
29202Y		45443
29202Y		45463
29203R	46302	
29203Y	46303	
30001R	45822 + 42180	
30001Y	45823 + 42180	
30070Y	47113 + 92120 + 67050	
30071R	47112 + 43690 + 67050	
30071Y	47113 + 43690 + 67050	
30075R		46132 + 92120 + 67050
30075Y		46133 + 92120 + 67050
30080R		46132 + 43150 + 67050
30080Y		46133 + 43150 + 67050
30085R		46132 + 92120 + 67050
30085Y		47133 + 92120 + 67050
30086Y	47113 + 92120 + 67050	
30090R	46132 + 42180 + 67050	
30090R1		46132 + 42180 + 67050
30090Y	46133 + 42180 + 67050	
30090Y1		46133 + 42180 + 67050
30091R	G3002 + 43150 + 67050	
30091Y	G3003 + 43150 + 67050	
30200C	45821	
30200R	45822	
30200R	45822-5	
30200Y	45823	
30200Y	45823-5	
30201R	47102	
30201Y	47103	
30203Y		47102
30204R	45822 + 43690	
30204Y	45823 + 43690	
30206R	45202	
30206Y	45203	
30221R	45562	
30221Y	45563	
30222R	45822 + 42180	
30222R3	45822-3 + 42180-3	
30222Y	45823 + 42180	
30222Y3	45823-3 + 42180-3	
30250R	47322	
30250Y	47323	
30257Y	78333	
30264Y	78433	
30269Y	78433 + 43150	
30270R	47112	
30270Y	47113	
30272R	47112 + 43150	
30272Y	47113 + 43150	

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
30275R	46132	
30276R	47212	
30276Y	47213	
30279R	46142 + 67050	
30279Y	46142 + 67050	
30285Y	G3003	
30285Y	G3003-5	
30288R	G3002 + 43152 + 67050	
30288Y	G3003 + 43152 + 67050	
30289R	G3002 + 43152 + 67050	
30289Y	G3003 + 43152 + 67050	
30375Y	46133	
30379R	46132 + 43150 + 67050	
30379Y	46133 + 43150 + 67050	
30386R	47112 + 43150 + 67050	
30386Y	47113 + 43150 + 67050	
30503R	45062	
30503R1		45062
30503Y	45063	
30503Y1		45063
30504R1		45562
30504Y1		45563
307A	77103	
313A	77203	
32A		40303
33050R		47962
33050R	49322	
33050Y		47963
33051R		47952
33051Y		47953
33075R	49332	
33075Y	49333	
33250R		49202
333A	76033	
333B	76035	
333G	76034	
35001R	65512	
35001R1		65512
35001Y	65513	
35001Y1		65513
35075R	47462	
35075Y	47463	
35720-1		43230
35740R	49212-5	
35741R	49122	
3613W	60311	
3753AD		55243
3850AA	55223-5	
3850AA		55223
40001R	52772	
40001Y	52773	
40002R	52782	
40002R1		52782
40006R	53100 + 91740 + 67002	
40008Y	52153 + 91740 + 67000	
40009Y		52153 + 91740 + 67000
40009Y3		52153 + 91740 + 67000
40015R	52672	

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
40022R	52772 + 92511 + 67000	
40022R3	52772-3 + 92511-3 + 67000-3	
40022Y	52773-3 + 92511-3 + 67000-3	
40023-3	61451 + 92512 + 67000	
40028R	53012	
40028R	53012-5	
40029Y	52923 + 91740 + 67000	
40029Y3	52923-3 + 91740-3 + 67000-3	
40048R	52682	
40206C		61051
40206R	52770	
40209R	52152	
40209R3	52153	
40222R	52772 + 92511	
40222R3	52772-3 + 92511-3	
40222Y	52773 + 92511	
40226R	52672 + 92511	
40229Y	52923 + 92511	
40232R	52152 + 43702	
40233R	52772 + 92512	
40233R3	52772-3 + 92512-3	
40233Y	52773 + 92512	
40233Y3	52772-3 + 92512-3	
40234R	52922 + 92512	
40234R3	52922-3 + 92512-3	
40237R	52152 + 92511	
40237Y	52153 + 92511	
40258R	52772 + 92511	
40258R3	52772-3 + 92511-3	
40258Y	52773 + 92511	
40259R	52772 + 92512	
40262-3	62271-3 + 92512-3	
40282R	52922	
40282R	52922-5	
40282Y	52923	
4050A	G4003	
4050A	G4003-5	
4060C	62691	
40720-1		43572 + 92512
40720-3		43572-3 + 92512-3
4091A	52063	
41-3	40232-5	
417TA	54643	
41A	40233	
41A		40163
41A-3	40233-5	
426W	60011	
426W	60011-5	
433W	60151	
435W		60081
43A	40193	
43AD		40193
43D		40192

## TRUCK-LITE-TO-GROTE INTERCHANGE

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
44001Y	53413 + 91740 + 66815	
44001Y1		53413 + 91740 + 66815
44001Y3	53413-3 + 91740-3 + 66815-3	
44002R	53312 + 91740 + 66815	
44002R1		53312 + 91740 + 66815
44002R3	53312-3 + 91740-3 + 66815-3	
44003Y	53413 + 91740 + 66815	
44003Y1		53413 + 91740 + 66815
44018Y	52163 + 91740 + 66815	
44022R		54572
44026R	53182	
44032R	53272	
44032R1		53272
44034R	53252 + 93683	
44041C	62391 + 91740 + 66842	
44042C	61141	
44045C	62391 + 43343 + 66842	
44071Y		53553
44071Y	53553 + 91740 + 66815	
44082R	53312 + 91740 + 66815	
44092R	53552 + 91740 + 66815	
44092R3	53552-3 + 91740-3 + 66815-3	
44101R	77352	
44101Y	77353	
44102R	77352 + 91740 + 66815	
44102Y	77353 + 91740 + 66815	
44103R	77352 + 66815	
44103Y	77353 + 66815	
44104R	77352 + 66815	
44104Y	77353 + 66815	
44140C	62101 + 91740 + 66861	
44141C	62391 + 917400 + 66842	
44144C	62671 + 93850	
44145C	62391 + 43343 + 66842	
44146C	62391 + 92512 + 66842	
44180C	62101	
44181C		62101 + 92511 + 66862
44182C		62101 + 92512 + 66862
44184C		62101 + 91740 + 66862
44201Y	53413	

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
44202R	53313	
44203Y		54643
44216R	77192	
44216Y	77193	
44236C		62391
44236C	62391 + 43343	
44239C	62391 + 92510	
44240C	62391 + 92512	
44253R	52162	
44266R	52162 + 92512	
44273Y	52163	
44276Y	52163 + 92512	
44302R	53552	
44308C	61G91	
44308C		61E01
44308C		61H51
44334R	54042	
44339C	61H01	
44339C		61E41
44344C		62101 + 92511 + 66862
44345C		62101 + 92510 + 66862
44346C		62101 + 92512 + 66862
44347C		62101 + 67006
44348C		62101 + 66862 + 92512
44349C		62101 + 92510 + 66862
44350C		62101
44350R	53532	
44350R	54582	
44351R	54342	
44356R	53552 + 92510 + 66862	
44357R	54342 + 92510	
44359R	53272 + 92510 + 66862	
44360R	53532 + 92510	
44361R	53552 + 92511 + 66862	
44362R	54342 + 92511 + 67090	
44363R	53552 + 92511 + 66862	
44390R	65432-4	
44438C	61171	
44877Y		53313 + 92511
44878Y		53313 + 92511
44882R	53312	
44953R	53532 + 92512	
44954R		53532 + 92511
44956R		53532 + 92511
44957R		53532 + 92511
44960R		53532
44974R	53252	
44975R		53532 + 92510
44976R		53532 + 92510
44978R		53532 + 92510
44979R		53532 + 92510
44980R	53282	
44988R	53552 + 92510	
44991C		62101 + 92511
44991C	62791	
44992C		62101 + 92512
44992C		62791
45001R	52202 + 94180 + 67000	

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
45001Y	52203 + 94180 + 67000	
45002R	52202 + 94180 + 67000	
45002Y	52203 + 94180 + 67000	
45021Y	52203 + 94180 + 67000	
45021Y3	52203-3 + 94180-3 + 67000-3	
45022R	52202 + 94180 + 67000	
45022R3	52202-3 + 94180-3 + 67000-3	
45032R		G4502 + 67000
45071Y	G4503	
45202R	52202	
45202Y	52203	
45-3		40072-5
45A	40073	
45A	41003	
45A-3		40073-5
47-3	40052-5	
47A	40053	
47A	40063	
47A-3	40053-5	
4872AA	55450	
4874AY101	55340	
49202R	53102	
49202R	53102-5	
5015K	53722	
52A	41013	
52A		40093
530DK	65300-5	
533DK	65370-5	
534-3	52312	
534D	52312-5	
535D	52302-5	
549SWD	61491-5	
54A	41033	
54A	41032-5	
54A	41033-5	
55555-1	65312	
57A		40153
580DK	65402-4	
60001R	53092	
60001Y	53093	
60002R1		53092
60004C	62231	
60015R		52512 + 92420 + 67000
60015Y	52253	
60015Y1		52253
60022Y	52573	
60050R	53122	
60050R1		53122
60052R	53592	
60052R1		53592
60056R	53622	
60072Y	53593	
60072Y1		53593
60075Y	53123	
60075Y1		53123
60092C	62521 + 92420 + 67010	
60097Y	53623	
60115Y	54193 + 92400 + 67002	



# Technical Information

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## TRUCK-LITE-TO-GROTE INTERCHANGE

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
60115Y	54193	
60115Y1		54193 + 92400 + 67002
60120R	77362 + 92420 + 66815	
60120Y	77363 + 92420 + 66815	
60120Y1		77363 + 92420 + 66815
60122R	77362 + 92420 + 66815	
60122Y	77363 + 92420 + 66815	
60122Y1		77363 + 92420 + 66815
60124R	77362 + 66815	
60124Y	77363 + 66815	
60124Y1		77363 + 66815
60126R	77362 + 66815	
60126Y	77363 + 66815	
60126Y1		77363 + 66815
60201R	55772	
60201Y	55773	
60202R	52892	
60202R	52892-5	
60202Y	52893	
60202Y	52893-5	
60215R	52512	
60215Y	52193	
60238R	52182-5	
60250R	53962	
60253R	52072	
60255Y	52073	
60260R	54142	
60275Y	53963	
60283R	52182	
60283Y	52183	
60283Y	52183-5	
60284C	62521	
60298Y		52073 + 43220
60317Y	54213	
60354C	61G31	
60360R	77362	
60360Y	77363	
60364R	77362 + 43222	
60364Y	77363 + 43222	
60366R	77362 + 43222	
60366Y	77363 + 43222	
6050A	G6003	
6050A	G6003-5	
6051A	G6013	
6060C	62751	
620V-4	64921	
630W	64471	
630V-4	64491	
632W	64941	
6500A	56073	
6501A	56083	
6600A		77693
6601A		77713
66050R	54162 + 92420 + 66815	
66050R1		54162 + 92420 + 66815
66052R	54162 + 43220 + 66815	
66052R1		54162 + 43220 + 66815

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
66054R		54162 + 43220 + 66816
66056R	54162 + 43222 + 66815	
66082R	54162 + 43220 + 66816	
66085R	54162 + 92420 + 66815	
66250R	54162	
66252R	54162 + 43220 + 66815	
66254R		54162 + 43220 + 66815
66256R	54162 + 43222 + 66815	
66882R	54162 + 43220 + 66815	
675W	64071	
6810A	77693	
6811A	77713	
6859A	76083	
69202Y	52533	
69203C	62241	
70300-1		56000
70310R	50642	
70310R	50642-5	
70330Y	55243	
7048DB	12164-5	
7217/7218	28393-5	
80162C	61861	
80162C	61921	
80164C		61921
80166C		61861
80250C	61291	
80250C	61881	
80251C	61261	
80251C	61611	
80253C		61611
80255C	61F61	
80302R	50222	
80302R1		50222
80322R	50542	
80322R	50542-5	
80334R	50232	
80334R	50232-5	
80335R	52522	
80339R	50502	
80394-3		63231-5
80396-3		63211-5
80462R	50892	
81312Y		55430 + 91513
8861A	99913	
8933A	90203	
8933A	90203-5	
9004A	90303	
9007A	91963	
9007A	91963-5	
9007B	91965	
9007G	91964	
9007W	91961	
9016A	91583	
9016W	91581	
9029A	90013	
9079A	91503	
9093A	90123	
9093A	90123-5	
9101-3	68130	
91241Y	55983	
91242R	55982	
91243Y	55993	

Truck-Lite PN	Grote Form, Fit and Function	Grote Fit and Function
91244R	55992	
91272R	53422	
91275R		55992
91276Y		55983
92513Y	77453	
92522Y	77753	
92523Y		77753
92524Y	76803	
92525B	76805 + 43420	
92525Y	76803 + 43420	
92534Y	77123	
92539Y		77123
92551Y	77263	
92600Y	76223	
92914-1		73220
9380SW	61161	
9380W		61091
9680A	78980	
97944-3	99170-1	
97960-1		43901
98003R	40132	
98003R3	40132-5	
98003Y	40133	
98003Y3	40133-5	
98006Y	40153	
98031R	41042	
98031Y	41043	
98154R	41122	
98175R	41142	
98175R	41142-5	
98175Y	41143	
98176R	41152	
98176Y	41153	
99007C	90761	
99007R	90762	
99008C	91311	
99008R	90012	
99008R	90012-5	
99009R	90232	
99009Y	90233	
99034R	90162	
99034Y	90163	
99041R	90152	
99041R	90152-5	
99041Y	90153	
99041Y	90153-5	
99063R	99912	
99067Y	91683	
99083R	91482	
99168R	99842	
99168Y	99843	
99169R	99832	
99169Y	99833	
99170R	99802	
99170Y	99803	

## SPEAKER-TO-GROTE INTERCHANGE

Speaker PN	Grote Form, Fit and Function	Grote Fit and Function
410	61031	
419		61H01
7150		63J01
6040-12V	63821-5	
6700-12V	63861	
7150-12V		63911
735-12/24V	63F81	
806-12V	63610	
832-12/24V	63981	

# Improve Your CSA Score

## Converting to LED is the Easiest Way to Improve Your CSA Score!

Lighting Violations represent 4 of the top 11 most common CSA Maintenance Infractions

6 Point Infraction per failed Stop Tail and Turn

**Roadside Inspections, Vehicle Violations (2011 - Fiscal)**

Data Source: FMCSA Motor Carrier Management Information System (MCMIS) data snapshot as of 12/16/2011, including current year-to-date information for 2012. The data presented below are accurate as of this date, but are subject to update as new or additional information may be reported to MCMIS following the snapshot date.

Total number of Vehicle Inspections in FY 2011: 251,120  
 Total number of Vehicle Out-of-Service (OOS) Violations in FY 2011: 4,697,872  
 Total number of Vehicle Out-of-Service (OOS) Violations in FY 2011: 701,997

Violation Code	Violation Description	# of Inspections	# of Violations	% of Total Violations	# of OOS Violations	OOS Pct
393.9A	Inoperative required lamps	543,896	461,100	10.22%	47,730	9.90%
393.11	Non-effective lighting devices/reflective devices/projected	215,002	140,134	7.24%	5,653	1.66%
393.12	Impediment/repair and maintenance parts and accessories	190,112	479,591	8.41%	24,976	5.40%
393.13	Tire - other tread depth less than 2/32 of inch	175,833	237,792	5.06%	19,846	8.35%
393.14	Oil and/or grease leak	167,674	222,450	4.74%	4,100	1.85%
393.15	Failing to secure to safe fastening against mechanical damage	145,290	218,031	4.66%	11,868	5.43%
393.16	Clamp/Photo Chamber type brake(s) out of alignment	122,281	198,120	4.17%	361	0.20%
393.17	Operating a CMV without periodic inspection	137,686	172,059	3.69%	129	0.07%
393.18	Non-functional/nonfunctional fire extinguisher	189,627	189,904	3.62%	20	0.01%
393.19	Stop lamp violations	102,124	120,831	2.67%	33,762	27.94%
393.20	Inoperative turn signal	89,652	107,000	2.31%	44,102	41.20%
393.21	Inoperative/intermittent systems	86,419	592,894	12.92%	80,002	13.41%
393.22	Automatic brake applicator CMV manufactured by or after 10/20/1994 - air brake	28,678	94,989	2.02%	12	0.01%
393.23	Windshield wiper replacement	77,207	67,883	1.42%	304	0.45%
393.24	Overhaul of damaged windshield	1,000	1,000	0.22%	81	8.10%
393.25	Windshield wiper replacement	1,000	1,000	0.22%	81	8.10%

**VIOLATION SEVERITY WEIGHT EXAMPLE**

- Improper Exhaust: ..... 1 point
- Missing wheel stud: ..... 2 points
- No brakes as required: 4 points
- Possession and/or under the influence of alcohol 4 hours prior to duty: ..... 5 points
- Non-functioning tail lamp ..... 6 points

Make it easy on yourself - invest in quality LED lamps by Grote.





# Technical Information

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## Wire Sizes

No matter what the variety, it's critical to choose the correct wire size for the application. The key information required is the length of wire needed, often referred to as the length of run, and the current load that the conductor is expected to carry in use. Knowing the "length and load" characteristics will take the guesswork out of the choice.

Voltage drop, caused by current draw, is the primary consideration when selecting the proper conductor size. Every conductor has a certain amount of resistance per foot. The longer the distance, the greater the resistance in the circuit. The greater the resistance, the higher the voltage drop caused by the same current. This relationship is defined by ohms law (Voltage = Current X Resistance). As distance from the power source

increases, there is less voltage available to "push" the current through the wire. Thus causes the current to drop. There is also heat buildup as the resistance increases, which also lessens the amount of current flow.

In low voltage systems, such as vehicles, even a small drop in voltage can have a serious effect on the amount of light a lamp puts out. But there's a simple solution. As you get further away from the power source, make the conductor larger. A larger conductor means less resistance.

Using the "Wire Size Chart", first find the load in amps on the left-hand edge of the chart. Then find the length of run across the top of the chart. Read down that column until it intersects with the amp load line. The point at which they cross indicates the correct wire size for the job.

Wire Size Chart											
12V (AMP)	6V (AMP)	Length of Wire (most distant light)									
		10'	20'	30'	40'	50'	60'	70'	80'	90'	100'
Load in Amps	Load in Amps	Wire Gauge	Wire Gauge	Wire Gauge	Wire Gauge	Wire Gauge	Wire Gauge	Wire Gauge	Wire Gauge	Wire Gauge	Wire Gauge
1	0.5	18	18	18	18	18	18	18	18	18	18
1.5	0.75	18	18	18	18	18	18	18	18	18	18
2	1	18	18	18	18	18	18	18	16	16	16
3	1.5	18	18	18	18	18	16	16	16	14	14
4	2	18	18	18	16	16	16	14	14	14	12
5	2.5	18	18	18	16	14	14	14	12	12	12
6	3	18	18	16	16	14	14	12	12	12	10
7	3.5	18	18	16	14	14	12	12	12	12	10
8	4	18	16	16	14	12	12	12	10	10	10
10	5	18	16	14	12	12	12	10	10	10	10
11	5.5	18	16	14	12	12	10	10	10	10	8
12	6	18	16	14	12	12	10	10	10	8	8
15	7.5	18	14	12	12	10	10	10	8	8	8
18	9	16	14	12	10	10	8	8	8	8	8
20	10	16	12	12	10	10	8	8	8	8	6

- A) DETERMINE THE TOTAL WIRE LENGTH FROM THE POWER SOURCE TO THE MOST DISTANT POINT IN THE CIRCUIT.  
 B) DETERMINE THE TOTAL ELECTRICAL LOAD ON THE CIRCUIT.  
 C) FIND THE LOAD ALONG ONE EDGE OF THE CHART (6V OR 12V) DEPENDING ON THE VEHICLE VOLTAGE IN QUESTION, TAKING THE NEXT HIGHER LOAD IF THE INDICATED LOAD FALLS BETWEEN TWO POINTS ON THE CHART.  
 D) FIND THE CABLE LENGTH REQUIRED ON THE TOP OF THE CHART, TAKING THE NEXT HIGHER LENGTH (IF EXACT LENGTH IS NOT CITED).  
 E) AT THE INTERSECTION OF THE LENGTH AND LOAD COLUMN, READ THE MINIMUM SIZE WIRE REQUIRED FOR THAT PARTICULAR CIRCUIT.

## Wire Gauges

Conductors may be single strand or a group of strands. Stranded conductors are preferred in heavier gauges because they are more flexible and easier to work with than a comparable single strand conductor.

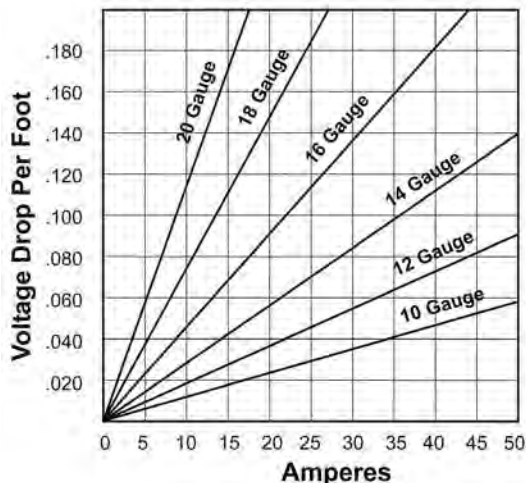
Comparing stranded cable sizes is simple. Stranded cable is compared using a numerical system. For example, 18/24 indicates that the conductor consists of 18 strands of 24-gauge wire. Similarly 12/12 refers to 12 strands of 12-gauge wire.

Gauge refers to the size of the conductor in a wire. The higher the gauge number, the smaller the wire. For example, an 18-gauge wire is smaller than a 12-gauge wire. And a 4-gauge wire has more than twice the diameter of a 10-gauge wire.

When the wire size gets larger, the number reaches #0 gauge or 1/0 (one aught). Additional zeros refer to larger sizes. The next larger size above 1/0 is #00 or 2/0 (two aught).

The capacity of a wire reflects the ability it has to carry electrical current. For example, over a distance of 50 feet, a 12-gauge wire can safely carry 10 amps. Over the same distance a 16-gauge wire can carry 3 amps. Choosing the size wire is made easier using a wire size chart.

Just remember the thicker the wire, the smaller the amperage loss.



## Wire Gauge Chart

GAUGE	S.W.G.	A.W.G. (inches)	A.W.G. (mm)	Actual Size (A.W.G.)
00	0.348	0.368	9,266	●
0	0.324	0.325	8,252	●
1	0.300	0.289	7,348	●
2	0.276	0.258	6,543	●
3	0.252	0.229	5,827	●
4	0.232	0.204	5,189	●
5	0.212	0.182	4,621	●
6	0.192	0.162	4,115	●
7	0.176	0.144	3,665	●
8	0.160	0.129	3,264	●
9	0.144	0.114	2,906	●
10	0.128	0.102	2,588	●
11	0.116	0.091	2,304	●
12	0.104	0.081	2,052	●
13	0.092	0.072	1,829	●
14	0.080	0.064	1,628	●
15	0.072	0.057	1,450	●
16	0.064	0.051	1,291	●
17	0.056	0.045	1,150	●
18	0.048	0.040	1,024	●
19	0.040	0.036	0,912	●
20	0.036	0.032	0,813	●
21	0.032	0.029	0,724	●
22	0.028	0.025	0,643	●

A.W.G. = American Wire Gauge

S.W.G. = Imperial Standard Wire Gauge

(British legal standard)



**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 Amber	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	380-1530 (15-60) no max. for veh. under 2032mm (80") wide
	Rear Side Reflex Reflectors	(A)		Minimum 2	Red	Each side at rear as far back as practicable facing sideward	380-1530 (15-60)
4	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	Amber	Each side at front as far forward as practicable	380 (15) minimum
	Front Side Reflex Reflectors	(A)		Minimum 2	Amber	Each side at front as far forward as practicable facing sideward	380-1530 (15-60)

## 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	Intermediate Side Marker Lamps <small>*photometrically certified at installation angle</small>	(P2, P3, PC* or PC2*)	Indicate presence of a long vehicle	Minimum 2	Amber	Each side near center facing sideward	380 (15) minimum
	Intermediate Side Reflex Reflectors	(A)	Indicate presence of a long vehicle	Minimum 2	Amber	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</small>	(P2, PC* or P3, PC2*)	Show vehicle's width MAY NOT be combined with tail lamps	Minimum 2	Red	At widest point - symmetrical on the rear or near the rear facing rearward	As high as practicable may be lower only if ID lamps are at the top
7	Rear Identification (ID) Lamps	(P2 or P3)	Indicate presence of a wide vehicle	Exactly 3	Red	On the rear - center horizontally spaced 150mm (6 in.) to 300mm (12 in.) apart facing rearward	At the top - may be lower if door header narrower than 25mm
8	Front Clearance Lamps <small>*photometrically certified at installation angle</small>	(P2, PC* or P3, PC2*)	Show vehicle's width	Minimum 2	Amber	At widest point - symmetrical on the front or near the front facing forward	As high as practicable

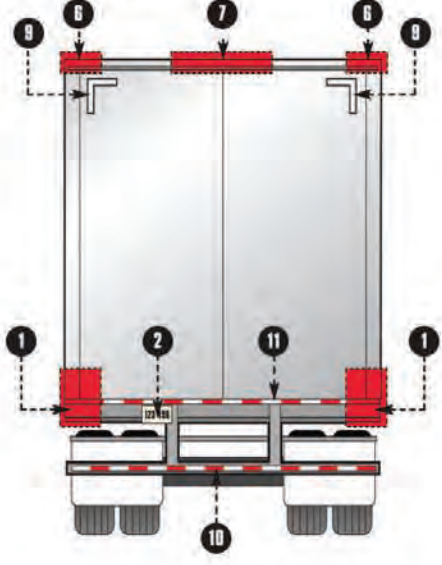
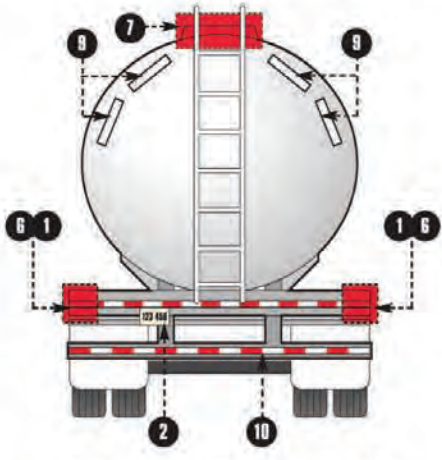
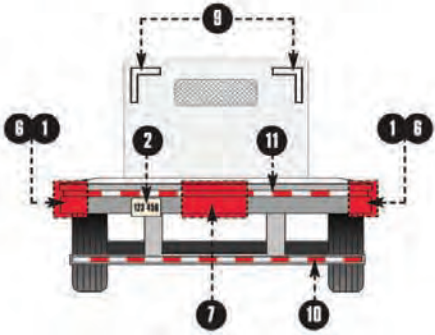
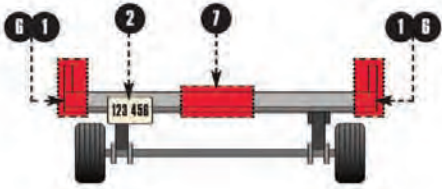
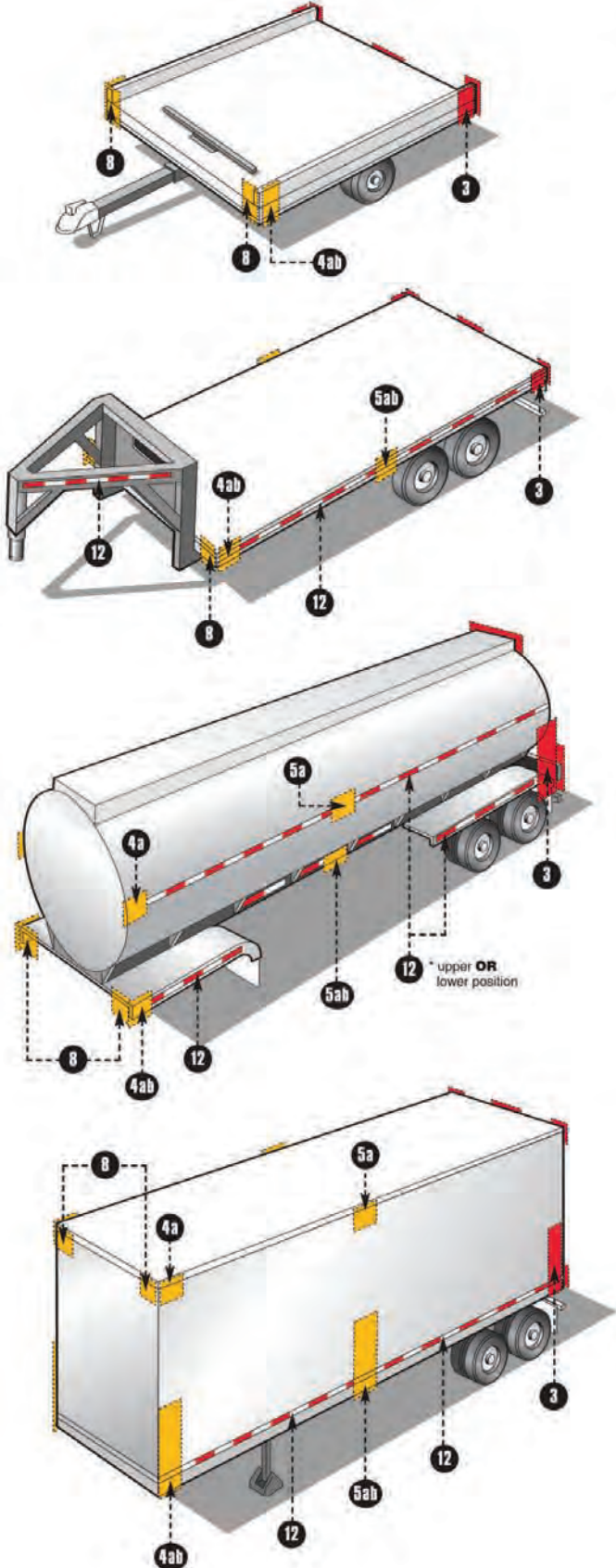
### Width 2032mm (80 in.) or wider AND GVWR 4536 kg (10,000 lb.) or more

DESCRIPTION		MANDATORY REQUIREMENTS					
Area	Conspicuity Treatment	DOT Coding	Quantity	Color	Location	Height	Options
9	Rear Upper Body Markings	DOT-C DOT-C2 DOT-C3 DOT-C4	Exactly 2 pairs of 300mm long strips	White	On the rear upper corners facing rearward	At the top	Reflex reflectors may not be required if they are replaced in their required location with conspicuity treatment.
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	
12	Side Marking		(see location)	(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

**NOTE:** The edge of red conspicuity tape shall not be closer than 75 mm to the edge of any amber lamp and the edge of white conspicuity tape shall not be closer than 75 mm to the edge of any lamp

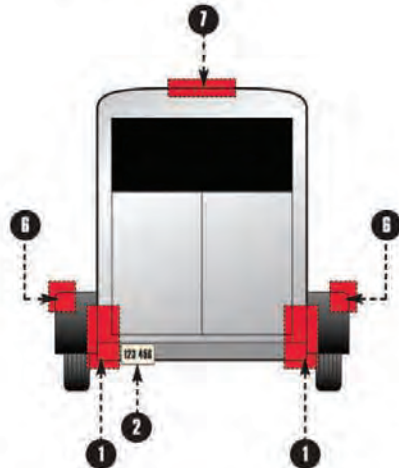
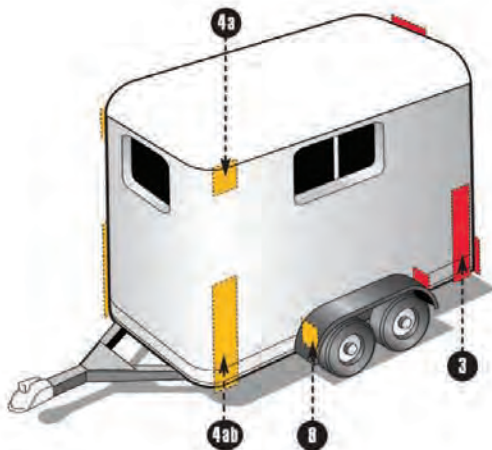
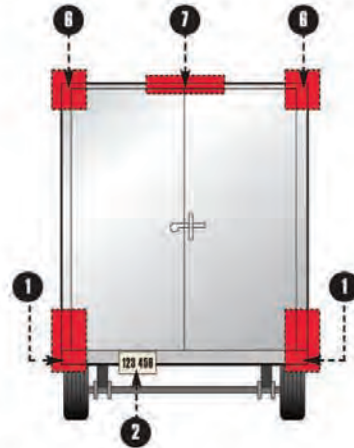
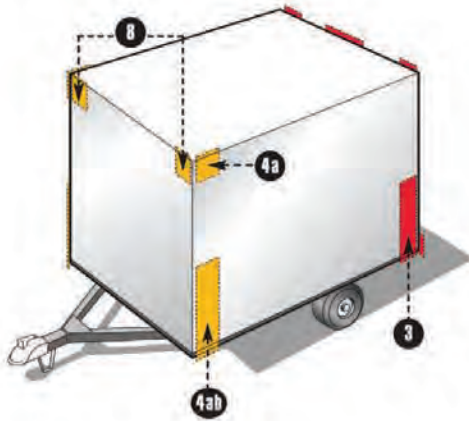
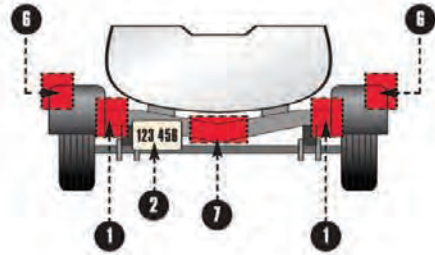
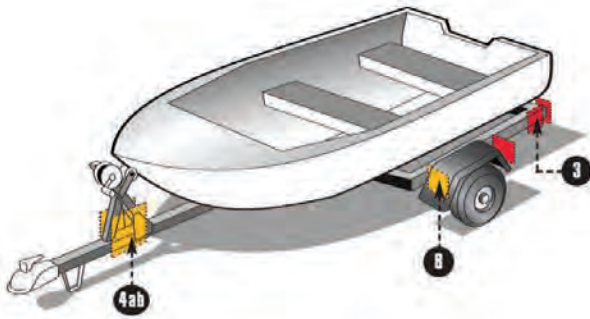
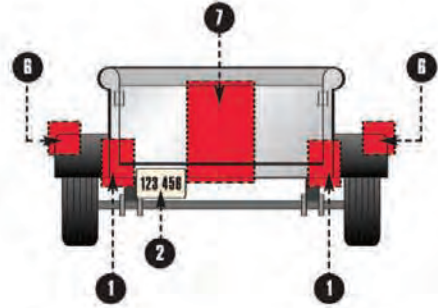
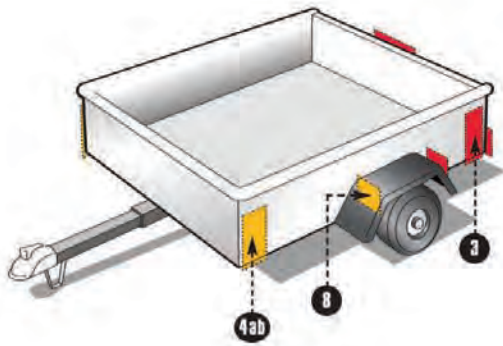
**For more information contact:** Transport Canada: Motor Vehicle Safety Enforcement Branch Attention: Compliance Engineering Fax: 613-998-4831  
National Highway Traffic Safety Administration: Office of Safety Performance Standards Attention: Richard Van Iderstine Fax: 202-366-4329





# Technical Information

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**IMPORTANT NOTE:** Every lamp, reflex reflector, and conspicuity treatment must be permanently attached in the location specified below and must comply with all applicable requirements prescribed for it by FMVSS/CMVSS 108. The face of any device on the front/rear and sides should be, respectively perpendicular and parallel to the vehicle's centerline, unless it is photometrically certified at installation angle. No part of the vehicle shall prevent any device from meeting its prescribed requirements unless an auxiliary device meeting all prescribed requirements is installed.

**IN CANADA:** Manufacturers and importers of vehicles must have the proper certification test records demonstrating compliance of lighting components with all prescribed requirements.

## BASIC EQUIPMENT REQUIRED ON ALL TRUCKS, BUSES & MPVs

DESCRIPTION				MANDATORY REQUIREMENTS			
Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height mm(in.) from the ground
1	Headlamps - Lower Beam	(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	(H, HR)	Forward road illumination	Minimum 2	White	On the front - symmetrical If 4 lamp system - inboard or below lower beams	560-1370 (22-54)
	Parking Lamps	(P)	Indicate parked vehicle	Minimum 2	White or amber	On the front - symmetrical as far apart as practicable	380-1830 (15-72)
	Daytime Running Lamps (DRL)	(Y2)	Indicate in use vehicle	Minimum 2	White or amber	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	Amber	On the front - symmetrical as far apart as practicable	380-2110 (15-83)
2	Front Clearance Lamps	(P2, PC* or P3, PC2*)	Show vehicle's width	Minimum 2	Amber	At widest point - symmetrical on the front or near the front facing forward	As high as practicable
	Front Identification Lamps (ID)	(P2 or P3)	Indicate presence of a wide vehicle	Exactly 3	Amber	On the front - center horizontally spaced 150 mm (6 in.) to 300 mm (12 in.) apart	As high as practicable or on top of the cab
4	a Front Side Marker Lamps	(P2, PC* P3, PC2*)	Front and rear side marker lamps / side reflex reflectors indicate vehicle's presence and length	Minimum 2	Amber	Each side at front as far forward as practicable	380 (15) minimum
	b Front Side Reflex Reflectors	(A)		Minimum 2	Amber	Each side at front as far forward as practicable facing sideward	380-1530 (15-60)
5	a Rear Side Marker Lamps **	(P2, PC* or P3, PC2*)	Rear 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	380 (15) minimum
	b Rear Side Reflex Reflectors **	(A)		Minimum 2	Red	Each side at rear as far back as practicable facing sideward	380-1530 (15-60)
6	Rear Clearance Lamps	(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	(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	At the top may be lower if door header narrower than 25mm
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 amber	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	(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	Amber	Each side near center	380 (15) minimum
	b Intermediate Side Reflex Reflectors	(A)	Indicate presence of a long vehicle	Minimum 2	Amber	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	Exactly 2 pairs of 300mm long strips	White	Rear upper corners of cab facing rearward	As high as practicable excluding fairings	
14	Rear Marking	DOT-C2 DOT-C3 DOT-C4	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

**NOTE:** The edge of red conspicuity tape shall not be closer than 75 mm to the edge of any amber lamp and the edge of white conspicuity tape shall not be closer than 75 mm to the edge of any lamp

For more information contact:

National Highway Traffic Safety Administration: Office of Safety Performance Standards  
Transport Canada: Motor Vehicle Safety Enforcement Branch

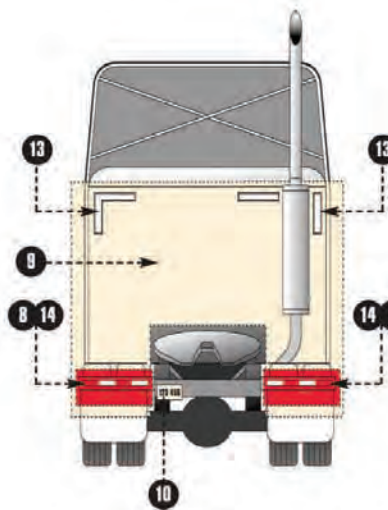
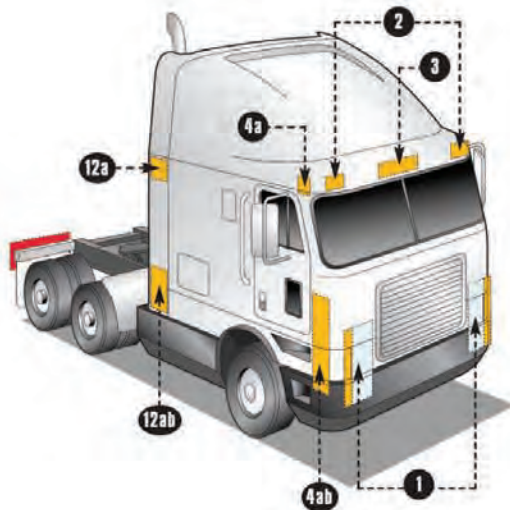
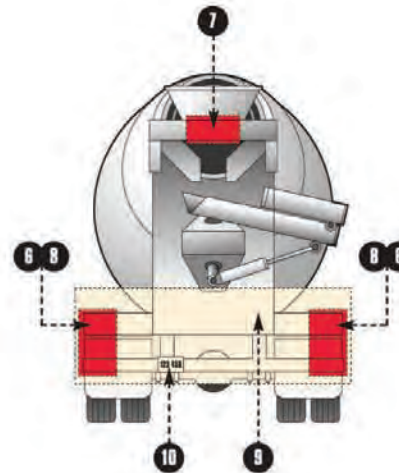
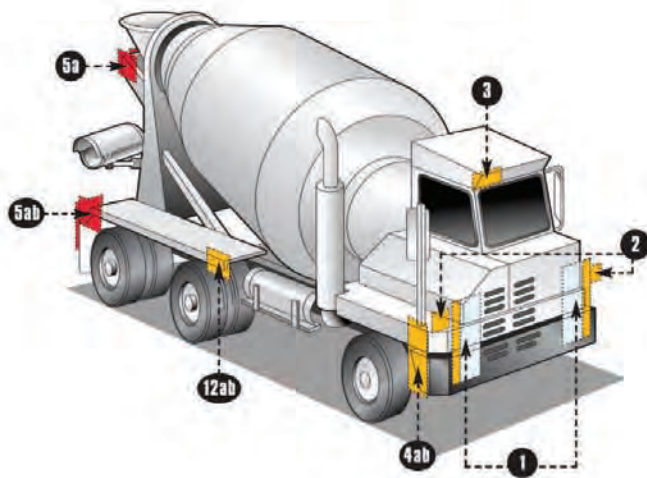
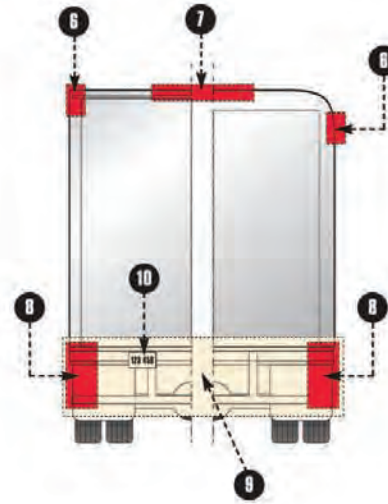
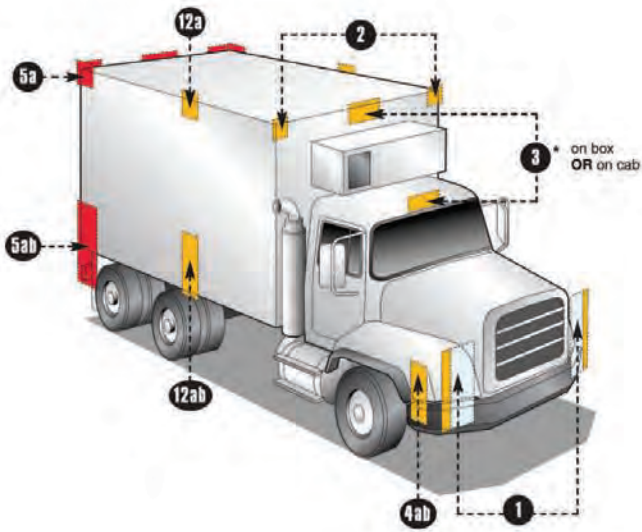
Attention: Richard Van Iderstine  
Attention: Compliance Engineering

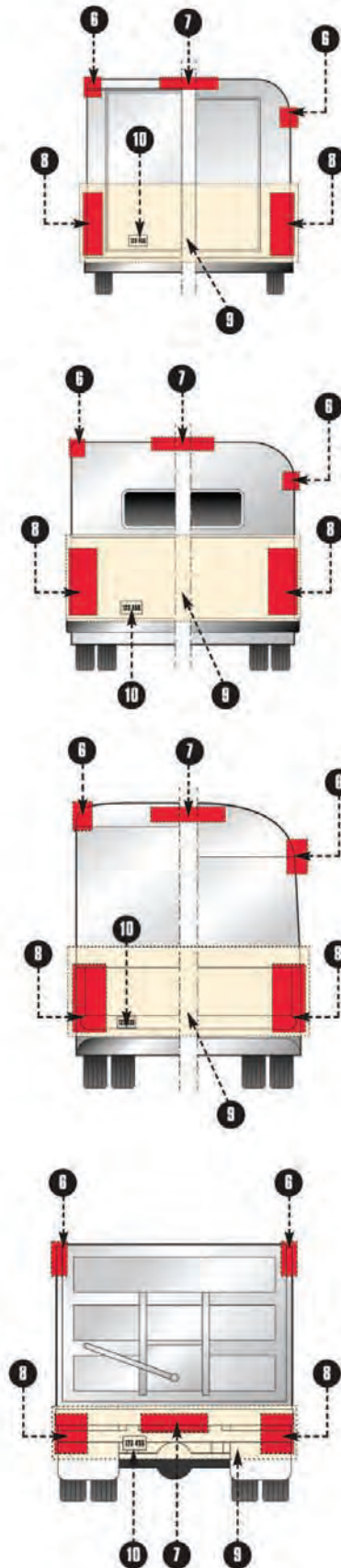
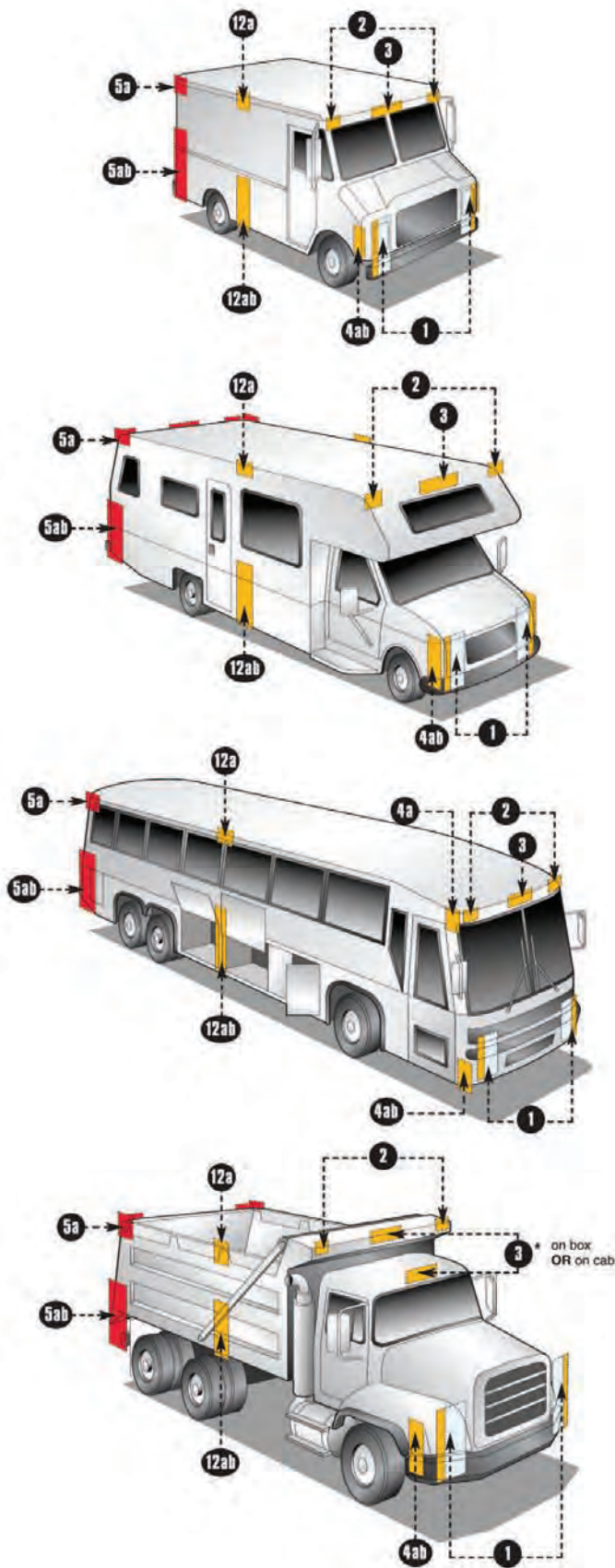
Fax: 202-366-4329  
Fax: 613-998-4831



# Technical Information

Information Technique Información técnica







# Trilliant® Series of LED Work Lamps

THERE'S A RUGGED GROTE TRILLIANT® LAMP FOR ANY WORKPLACE APPLICATION.

Want more information for a specific lamp?

Scan or go to:  
<http://www.grote.com/TrilliantProducts/>



Long-lasting, cool running, high output LED work lamp

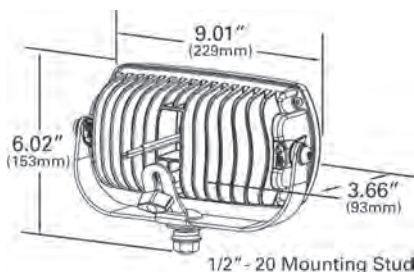
Field tested to survive in brutal off-road conditions

Color temperature provides a natural contrast most like sunlight, reducing eye fatigue



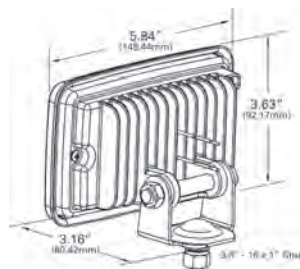
## Trilliant®

- Available in 1300 - 2700 Lumens
- Easily mountable with a durable 1/2" stud mounting bracket, also features Aim-N-Go technology
- Trilliant's durable stud mounting bracket allows it to be mounted almost anywhere.



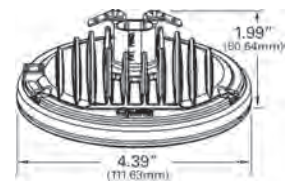
## Trilliant® Mini

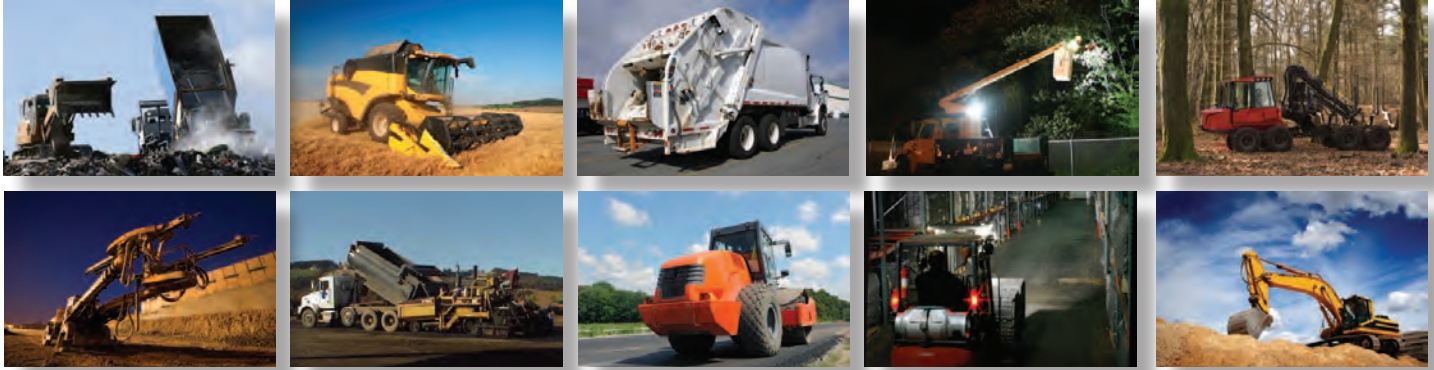
- Available in 600 Lumens
- Greater lumen output with lower power consumption than leading competitors' versions
- Leak proof sealed lamp is certified IP69K; stands up to scratches, pressure washing, and harsh weather



## Trilliant® T36 LED Bulb

- Available in 900 Lumens
- LED replacement for PAR36 lamps
- Leak proof sealed lamp is certified IP69K; stands up to scratches, pressure washing, and harsh weather





Superior performance for mining, construction, off-road, agriculture, utility, emergency, and military vehicles

Integrated circuit protection

ECE R10, Dir.72/245/EEC, Amended by 2006/28/EC



### Trilliant® T36

- Available in 900 Lumens
- Leak proof sealed lamp is certified IP69K; stands up to scratches, pressure washing, and harsh weather



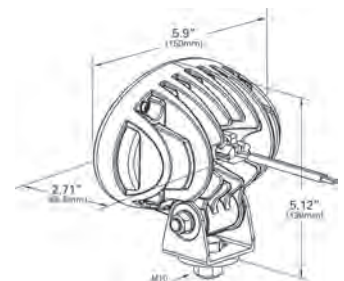
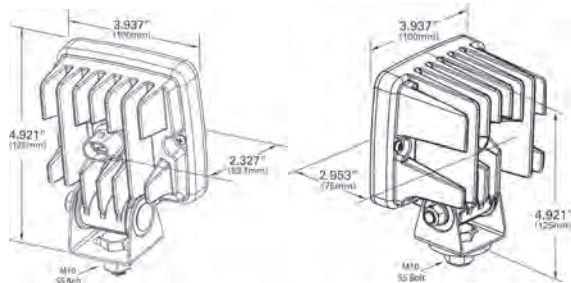
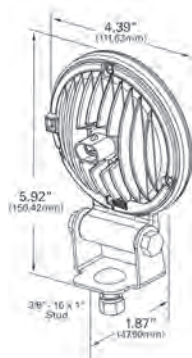
### Trilliant® Cube

- Available in 1200 - 2500 usable Lumens
- Leak proof sealed lamp is certified IP69K; stands up to scratches, pressure washing, and harsh weather



### Trilliant® Oval

- Available in 1200 - 2500 usable Lumens
- Leak proof sealed lamp is certified IP69K; stands up to scratches, pressure washing, and harsh weather





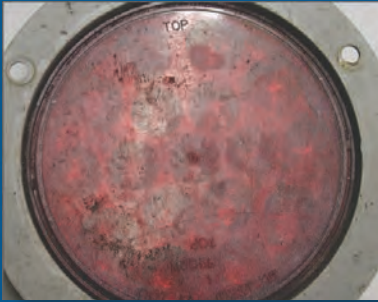
# 9 Common Causes of Failure



## VIBRATION

Broken lamp filaments are one of the most common problems caused by vibration, but they also can lead to the abrasion of mating surfaces, which cause connectors and splices to fail.

To minimize vibration problems, make certain that all wires and connectors are secured appropriately. Always secure the wiring as it exits the connector. Use cushioned mountings for lamps in applications where vibration is excessive.

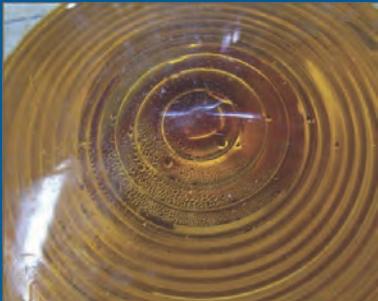


## MOISTURE AND CORROSION

Condensed water droplets inside a lens or corrosion around a lamp socket are sure signs that moisture has penetrated the system.

Water can enter the system through ineffective wire seals, unprotected splices, unsealed crimps and connectors and non-mating seals.

When making repairs, don't replace a sealed system with unsealed components. Make certain that connector seals are in place and undamaged. Inspect them carefully for cuts, tears and punctures.



## CHEMICAL DAMAGE

Continuous exposure to many of the common chemicals found in and around trucks can cause plastics to swell, crack, soften or otherwise become degraded. Diesel fuel and hot engine oil are the main culprits.

To minimize the effects of chemicals, inspect the wiring for signs of degradation. If it is occurring in an area that is generally free of contamination, check for leaky hoses, gaskets or fittings and repair if damaged or leaking.

To avoid damage from chemicals, don't run wiring in areas where the chance for continuous exposure is likely, such as under fuel lines and filters.



## ABRASION

Abrasion occurs when wires or wire wraps are allowed to run against frame members or other abrasive surfaces. Once the insulation is worn away, bare conductors may contact a ground surface and create a grounded circuit. Or, it could cause wear to the point of fracture resulting in an open circuit.

Using the proper routing and coverings will help to prevent wear areas and abrasive damage.

Worn coverings such as loom, convoluted tubing or spiral wrap should be replaced if they are no longer providing sufficient protection for the wires inside.



## EXTREME TEMP

A variety of conditions lead to extreme temperature build-up that can damage lighting and wiring. These include leaving a trailer's tail lights on when the trailer is backed up to a dock and airflow around the lights is prohibited.

When lights have been damaged from heat buildup, the lenses are often bubbled and misshapen. Where extreme temperatures can't be avoided, special heat-resistant wires and materials should be used.



# in Truck Wiring and Lighting



## IMPACT

Lighting and wiring must be protected from the impact of rocks, gravel and other road debris. A major impact can cause enough damage to require extensive repairs. Smaller, more frequent impacts over time may deliver equally extensive damage. Damage from impacts can cause problems although the wires are contained in a loom or other covering. During inspection, always check for damage from impacts and replace any wiring or lights that appear to be damaged. Make certain that the replacement parts are equivalent to or better than the original.



## FLEXING

Wiring in a truck often must make sharp turns around corners, as well as subjected to constant flexing where doors or hoods are opened and closed repeatedly.

To prevent wire damage from repeated flexing, avoid tight radius turns. Make sure that the wire is not snagged or stressed at its maximum extension. Also, make certain that the wire moves smoothly through its flexing cycle and doesn't rub or scrape against adjacent components.



## TENSILE LOADS

Wiring should not be considered an appropriate load-bearing component. It's easy to exceed the designed load limit by inadvertently installing wires under tension or snagging a section of wire on one of the moving parts. Using a wire bundle as a handhold or step can destroy the integrity of the conductor and its connections. So can the weight of accumulated ice, snow, mud and other materials.

Each of these points must be considered carefully when routing wires in a wiring harness.



## GRIT AND SAND

Accumulation of abrasive materials can lead to damage, especially when combined with vibration. If gritty materials enter connections, they can accelerate the wear on contact points causing interruption of the circuit and failure of devices. Sand and grit also can attract and hold moisture, creating conditions conducive to corrosion. In some cases, sand and grit may work their way inside protective coverings and abrade the insulation of wires running through them if there is relative motion between the covering and the wire.

One of the ways of reducing sand and grit buildup is to eliminate abrasive materials in the areas where wiring is present. Another way is to seal openings on protective coverings to keep gritty materials from entering.

For more information, visit [www.grote.com](http://www.grote.com)

**Grote**

The first name in vehicle  
safety systems

## A family's commitment to the vehicle and transportation lighting industry, spanning more than four generations



**William D. Grote, Founder  
Grote Industries 1901**

Just like many of the distributors, fleets and OEM's Grote Industries serves, we're a family-owned business. Like a number of our customers, we're proud of our family's multi-generational commitment to the transportation industry, reaching back more than a century. If you know the Grote family, you also know that the vehicle lighting business is not just a job to us, it's something that's folded into our family's culture – part of our very DNA. We're fond of

saying that "lighting is in our blood" and we're only half kidding.

Unlike many institutionally-owned companies, we're able to draw on our family's time-honored values, built upon our tradition of service to the industry and our fierce entrepreneurial spirit. We're thankful for the visionary legacy of our predecessors and because

of it, we can't help but to see the past, present and future of the lighting industry in a different context from those who simply find themselves working in the lighting business.

Founded on the principles of solid customer relationships, continuous innovation and exceptional product performance, Grote is committed to propelling itself and its industry forward, with inventive products and challenging ideas.

As a corporation, our family's culture extends to our entire organization, around the globe and particularly to our customer-facing staff. Grote is not sales oriented, we're not engineering oriented – we're relationship oriented and we're working hard every day to uphold our reputation and continue to earn your trust.

The Grote family has played a prominent role in shaping the vehicle lighting industry. We are deeply and personally engaged today, as we will be in the future, to make the kind of brave choices and bold decisions that will help move the vehicle lighting industry ahead and into an even brighter tomorrow.

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