



# **LIBERTY**

**HEAVY DUTY TRUCK PARTS**

**2025**

## **HEAVY DUTY TRUCK PARTS**

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# **LIGHTING CATALOG**





## LIB817R-7/LIB818R-7

### Lumenx® LED 4" Round Stop/Turn/Tail

- Defender harness & lighting system approved.
- Voltage Regulated.
- Advanced optics fully illuminate lens.
- LumenX® lens and circuitry.
- LIB818-7 has flange integrated into the housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- LIB817-7 has skirted weld joint for added protection against moisture.
- Assembled in USA.
- AMP-compatible connector integrated into housing.
- White diodes behind red lens.
- 9–16 volt operating range.
- 7 diodes.

Description	Order No.
grommet mount	LIB817R-7
flange mount	LIB818R-7



## LIB817R-9/LIB818R-9

### Lumenx® LED 4" Round Stop/Turn/Tail

- LIB817-9 has skirted weld joint for added protection against moisture.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Multivolt version available.
- Voltage Regulated.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- White diodes behind red lens.
- Assembled in USA.
- LumenX® lens and circuitry.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- Advanced optics fully illuminate lens.
- 9 diodes.
- Defender harness & lighting system approved.

Description	Order No.
grommet mount	LIB817R-9
flange mount	LIB818R-9

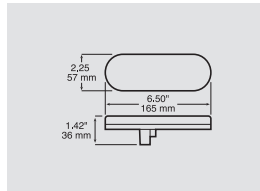
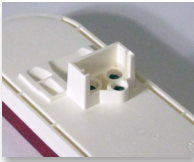


## LIB820R-7/LIB823R-7

### Lumenx® LED Oval Stop/Turn/Tail Light

- Voltage Regulated.
- Defender harness & lighting system approved.
- LumenX® lens and circuitry.
- 7 diodes.
- LIB823RTL-7 version has integral narrower flange with recessed lens and two mounting holes positioned at ends for narrower rail applications.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- White diodes behind red lens.
- Advanced optics fully illuminate lens.
- Assembled in USA.
- AMP-compatible connector integrated into housing.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.
- 9–16 volt operating range.

Description	Order No.
grommet mount	LIB820R-7
flange mount	LIB823R-7

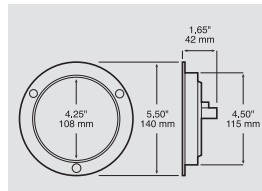


## LIB821R-7/LIB823R-7

### Lumenx® LED Oval Stop/Turn/Tail Light

- Available in retail-friendly Viz Pack.
- White diodes behind red lens.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- Industry-standard PL3 socket integrated into housing.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Advanced optics fully illuminate lens.
- 9–16 volt operating range.
- Voltage Regulated.
- 7 diodes.
- Assembled in USA.
- Lumenx® lens and circuitry.

Description	Order No.
grommet mount	LIB821R-7
flange mount	LIB822R-7

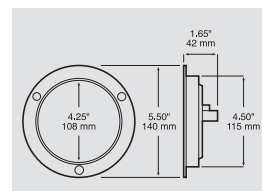


## LIB824R-7/LIB826R-7

### Lumenx® LED 4" Round Stop/Turn/Tail

- LIB826-7 has skirted weld joint for added protection against moisture.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Assembled in USA.
- 7 diodes.
- 9–16 volt operating range.
- Advanced optics fully illuminate lens.
- Voltage Regulated.
- Lumenx® lens and circuitry.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- White diodes behind red lens.
- Available in retail-friendly Viz Pack.
- Industry-standard PL3 socket integrated into housing.

Description	Order No.
flange mount	LIB824R-7
grommet mount	LIB826R-7



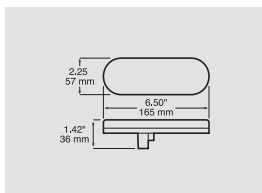
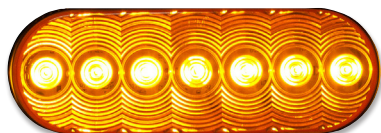
## LIB824R-9/ LIB826R-9

### Lumenx® LED 4" Round Stop/Turn/Tail

- Does not require "Top" positioning to meet FMVSS 108 standard.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Assembled in USA.
- 9 diodes.
- Advanced optics fully illuminate lens.
- LIB826-9 has skirted weld joint for added protection against moisture.
- White diodes behind red lens.
- LIB824-9 has flange integrated into the housing.
- Multivolt version available.
- Voltage Regulated.
- Industry-standard PL3 socket integrated into housing.
- Lumenx® lens and circuitry.

Description	Order No.
flange mount	LIB824R-9
grommet mount	LIB826R-9



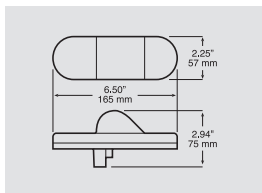
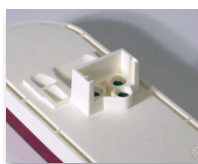
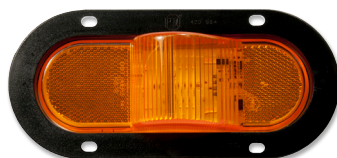
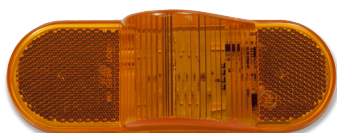


## LIB821A-7/LIB822A-7

### Lumenx® LED Oval Front & Rear Turn Signal

- White diodes behind amber lens.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- Voltage Regulated.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Meets DOT standards for both FRONT and REAR turn signal use.
- 7 diodes.
- Meets DOT side marker requirements.
- Industry-standard PL3 socket integrated into housing.
- Includes both turn signal and low intensity marker light circuits.
- Assembled in USA.
- Lumenx® lens and circuitry.
- Advanced optics fully illuminate lens.

Description	Order No.
grommet mount	LIB821A-7
flange mount	LIB822A-7

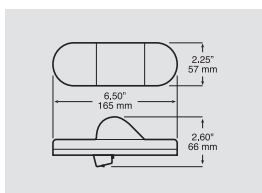
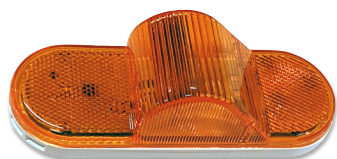


## LIB351A/LIB351AF

### Lumenx® LED Oval Auxiliary/Mid-Turn Light W/ Reflex

- Integral Reflex.
- Assembled in USA.
- Operates from 9-16 volts.
- Sealed lens and housing.
- 6 diodes.
- Lumenx® lens and circuitry.
- Two-function, 6-diode LED light that may be used as auxiliary mid-turn, while providing intermediate side marker light and side reflector.
- Integrated industry-standard PL3 socket.

Description	Order No.
amber	LIB351A
amber w/flange	LIB351AF

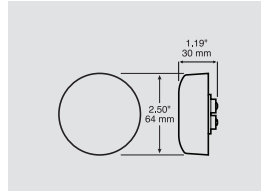


## LIB356A/LIB356AF

### Lumenx® LED Oval Auxiliary/Mid-Turn Light W/ Reflex

- Lumenx® lens and circuitry.
- 15 diodes.
- Meets SAE J914B, SAE J2039 specifications.
- Meets CA Title 13 requirements.
- Regulated design provides voltage protection and consistent output.
- Integral Reflex.
- AMP-compatible connector integrated into housing.
- Assembled in USA.
- Defender harness & lighting system approved.
- Available in grommet and flange mount versions.
- Two-function light may be used as mid-turn, while providing intermediate side marker light and side reflector.
- 9-16 volt operating range.
- Voltage Regulated.

Description	Order No.
amber	LIB356A
amber w/flange	LIB356AF

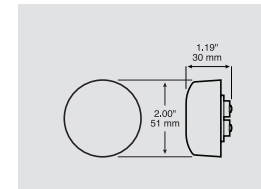


## LIB163A/LIB163R

### LED 2.5" Clearance & Side Marker Light

- Shape: 2-1/2-inch round
- PC Rated.
- Functions as both clearance and side marker light when mounted at a 45° angle. Use LIB143-18 grommet for PC-rated installation.
- Accepts industry standard 2-prong plug.
- Assembled in USA.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- 5 diodes.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- Multivolt version available.

Description	Order No.
amber	LIB163A
red	LIB163R

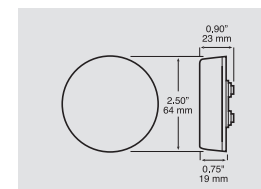


## LIB165A/LIB165R

### LED 2" 5-Diode PC-Rated Clearance & Side Marker Light

- Shape: 2-inch round
- Accepts industry standard 2-prong plug.
- Assembled in USA.
- Available in grommet, flange and surface-mount versions.
- Multivolt version available.
- Functions as both clearance and side marker light when mounted at a 45° angle. Use LIB146-18 grommet for PC-rated installation.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 5 diodes.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- PC Rated.
- Kits include LED light, LIB146-18 grommet and LIB162-49 plug.

Description	Order No.
amber	LIB165A
red	LIB165R



## LIB173A/LIB173R

### LED 2.5" Clearance/Side Marker W/ Reflex

- Shape: 2-1/2-inch round
- DOT-legal integral reflex function.
- Accepts industry standard PL10 2-wire plug or AMP plug ("-AMP")
- 4 or 5 diodes.
- Round, 2-1/2" diameter.
- Integral Reflex.
- LIB142-18 grommet & appropriate plug required for installation.
- "-AMP" versions have 5 diodes and integrated receptacle for AMP-style sealed connector
- Assembled in USA.

Description	Order No.
amber	LIB173A
red	LIB173R



## LIB161A/LIB16R LED Clearance/Side Marker Light

- 9-16 volt operating range.
- Available in retail-friendly Viz Pack.
- See accessories section for additional plug & mounting options.
- Requires bracket and 2-wire plug, or LIB154-11K bracket for grounding through mounting screw.
- LED alternative to traditional 154-series incandescent lights.
- Dual-color LIB161A-R meets DOT regulations as amber front and red rear clearance light when properly mounted top or side of fender at widest point of trailer of boat, cargo and horse trailers.
- 4 diodes.

Description	Order No.
amber kit	LIB161KA
red kit	LIB161KR



## LIB177A/LIB177R LED 3/4" PC-Rated Clearance & Side Marker Light

- Shape: 3/4-inch round
- Assembled in USA.
- 1 diode.
- 8" (200 mm) hardwired leads available stripped, with .180 bullets, or AMP-style connector.
- Includes rubber mounting grommet.
- Compatible with all 12 volt systems.
- Functions as clearance and side marker light when properly installed.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- PC Rated.
- Hardwired design.

Description	Order No.
amber w/.180 bullets	LIB177A-BT2
red w/.180 bullets	LIB177R-BT2

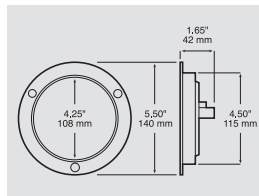


## LIB817C-7/LIB818C-7 Lumenx® LED 4" Round Back-Up Light

- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Defender harness & lighting system approved.
- Lumenx® lens and circuitry.
- AMP-compatible connector integrated into housing.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- A single light meets FMVSS 108 requirements when properly mounted.
- 7 diodes.
- Voltage Regulated.
- 9-16 volt operating range.
- Advanced optics fully illuminate lens.
- Assembled in USA.
- LIB817-7 has skirted weld joint for added protection against moisture.

Description	Order No.
grommet mount	LIB817C-7
flange mount	LIB818C-7

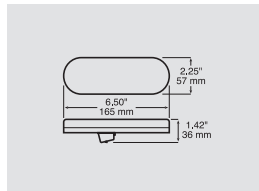
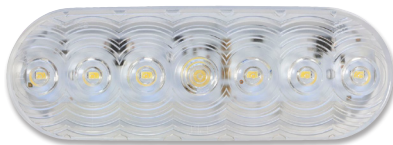




## LIB824C-7/LIB826C-7 Lumenx® LED 4" Round Back-Up Light

- Does not require "Top" positioning to meet FMVSS 108 standard.
- LIB826-7 has skirted weld joint for added protection against moisture.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Available in retail-friendly Viz Pack.
- Lumenx® lens and circuitry.
- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- Industry-standard PL3 socket integrated into housing.
- LIB824-7 has flange integrated into the housing.
- Assembled in USA.
- 7 diodes.
- 9–16 volt operating range.
- Voltage Regulated.

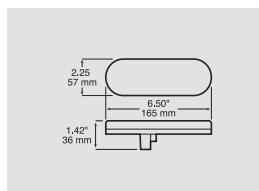
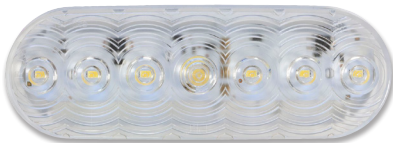
Description	Order No.
flange mount	LIB824C-7
grommet mount	LIB826C-7



## LIB820C-7/LIB823C-7 Lumenx® LED Oval Back-Up Light

- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 9–16 volt operating range.
- Defender harness & lighting system approved.
- Voltage Regulated.
- A single light meets FMVSS 108 requirements when properly mounted.
- Assembled in USA.
- 7 diodes.
- Lumenx® lens and circuitry.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- AMP-compatible connector integrated into housing.

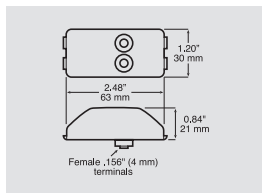
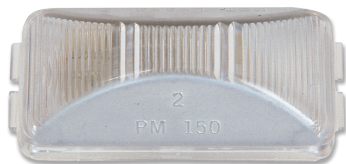
Description	Order No.
grommet mount	LIB820C-7
flange mount	LIB823C-7



## LIB821C-7/LIB822C-7 Lumenx® LED Oval Back-Up Light

- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- Available in retail-friendly Viz Pack.
- Voltage Regulated.
- A single light meets FMVSS 108 requirements when properly mounted.
- Regulated design provides voltage protection and consistent light output over a wide voltage range.
- Assembled in USA.
- Lumenx® lens and circuitry.
- Industry-standard PL3 socket integrated into housing.
- 9–16 volt operating range.
- 7 diodes.

Description	Order No.
grommet mount	LIB821C-7
flange mount	LIB822C-7

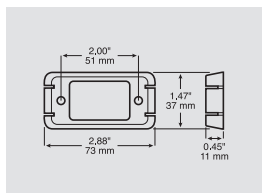


## LIB203

### LED License Plate/Utility Light

- Ground Type: wire
- Removable Lens: N
- Replaceable Bulb: N
- 203W has clear lens for utility use only.
- LED version of our popular 150 series light.
- Requires mounting bracket and plug to complete installation.
- 2 diodes.
- See Peterson Master Catalog pages 175–177 for additional mounting options.
- Available in retail-friendly Viz Pack.
- Polycarbonate lens and base are welded together to form a single rugged unit.
- Interchangeable with competitive units.
- Side of LIB203C lens painted to meet license illuminator requirements.

Description	Order No.
clear/painted license light	LIB203C



## LIB150-09

### Mounting Bracket

- Assembled in USA.
- Pack includes bracket, gasket and mounting screws.
- Gray, chrome or black finish.
- Mounts on 2" centers.
- Allows LIB150, 152, and 203 series lights to be surface mounted.
- Requires LIB142-49 2-wire plug for electrical connection.

Description	Order No.
gray	LIB150-09

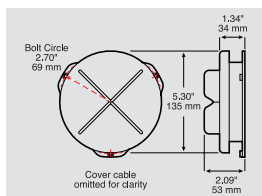


## LIB150-14

### Surface Bracket

- Visor hood shields direct light from following vehicles.
- Mounts to vertical surfaces.
- 150C, 153C, or 203C light snaps into housing to form single unit.
- Complies with applicable regulations without need for additional spacers.
- High-impact polycarbonate.
- Black or gray.

Description	Order No.
gray	LIB150-14



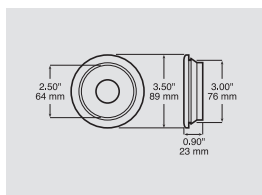
## LIB46

### Certificate Holder

- High-impact plastic.
- Cam-on translucent cover has gasketed seal.
- Keeps permit or license clean and dry in any weather.
- Tension spring holds documents in place with cover removed.

Description	Order No.
Certificate Holder	LIB46

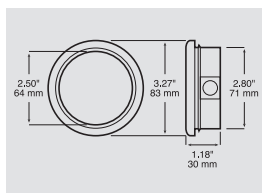




## LIB142-18 Round 2.5" Grommet

- Fits 3" mounting hole.
- Installation of lights with PL10 plug requires 142-49 or 162-49 plug.
- Fits 72, 142, 143, 162, 163, 192, 193, 196, and 197 series lights.
- Allows 2 1/2" diameter sealed units to be flush mounted.
- Assembled in USA.

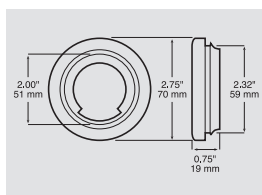
Description	Order No.
open back	LIB142-18



## LIB143-18 Round 2.5" Grommet

- Fits 72, 142, 143, 162, 163, 173, 175, 192, 193, 196, and 197 series lights.
- Mounts 2 1/2" diameter sealed units.
- Closed back unit is recommended for open installations where splash plate is not used.
- Installation of lights with PL10 plug requires 142-49 or 162-49 plug.
- Assembled in USA.
- Fits 2 25/32" mounting hole.

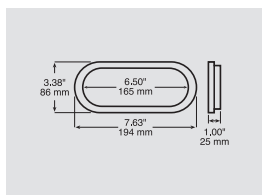
Description	Order No.
open back	LIB143-18



## LIB146-18 Round 2" Grommet

- Installation of lights with PL10 plug requires 142-49 or 162-49 plug.
- Assembled in USA.
- Fits 2 5/16" mounting hole in panels up to 0.25" thick.
- Closed back unit is recommended for open installations where splash plate is not used.
- Allows 2" diameter sealed units to be flush mounted.
- Fits 146, 166, 164, 165, 194, 195, 198, and 199 series lights.

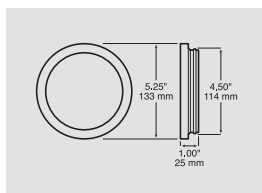
Description	Order No.
open back	LIB146-18



## LIB421-18 Oval Grommet

- For use with PM standard 6.5" oval grommet-mount oval lights, as well as similar competitors' lights.
- Black PVC grommet flush mounts oval style lamps.
- Assembled in USA.
- Provides additional shock absorption to extend lamp life.

Description	Order No.
black oval	LIB421-18



## LIB426-18 Round 4" Grommet

- Assembled in USA.
- Provides additional shock absorption to extend lamp life.
- For use with 4" round stop/turn/tail and accessory lights.
- Black PVC grommet flush mounts 4" diameter round lamps in 4 1/2" hole.

Description	Order No.
black	LIB426-18



## LIB142-49 Marker Lamp Plug

- Includes a #10 ring terminal on ground wire; hot wire is stripped.
- See Peterson Master Catalog page 178 for optional plug retaining clip.
- Fits 140, 142, 143, 145, 146, 150, 189 & 190 series, plus competitive lights.
- Assembled in USA.
- 2-wire molded plug for clearance and marker lights.

Description	Order No.
6" leads	LIB142-49



## LIB162-49 LED Marker Lamp Plug

- Available in retail-friendly Viz Pack.
- Right-angle TRIPLE SEAL, two-wire plug for use with 162, 163, 164, 165, and 166 series LED clearance / marker lights.
- Assembled in USA.
- See Peterson Master Catalog page 178 for optional plug retaining clip.
- 162-49 includes 8" stripped hot wire; ground wire provided with #10 ring terminal and heat shrink tubing for additional corrosion protection.

Description	Order No.
stripped/ring	LIB162-49



## LIB417-48 LED 2-Wire Plug

- Grease is not recommended on AMP-style connections.
- For use with 817, 818, 820, 823, 1217, 1218, 1220, 1223 series LED lights.
- 417-481 adapter plug fits 421-49 and 431-49 plugs.
- Assembled in USA.
- 417-482 includes two .180 bullet terminals.
- LIB417-48 includes stripped hot wire; ground wire provided w/ #10 ring terminal and heat-shrink tubing for additional corrosion protection.
- 2-wire hard-shell, weatherproof plug.

Description	Order No.
stripped lead/ring terminal	LIB417-48



## LIB417-49 LED 3-Wire Plug

- 3-wire hard-shell, weatherproof plug.
- 417-492 includes three .180 bullet terminals.
- 417-491 adapter plug fits 421-491 and 431-491 plugs.
- Assembled in USA.
- LIB417-49 includes stripped hot wires; ground wire provided w/ #10 ring terminal and heat shrink tubing for additional corrosion protection.
- Grease is not recommended on AMP-style connections.
- For use with 233, 817, 818, 820, 823, 1217, 1218, 1220, 1223 series LED lights.

Description	Order No.
stripped lead/ring terminal	LIB417-49





## LIB417-491MP LED Adapter Plug

- For use with non-hardwired lights.
- Assembled in USA.
- Converts single male-pin lamp connection into LED hard-shell, weather-proof stop/turn/tail plug.
- Grease is not recommended on AMP-style connections.

Description	Order No.
12" adapter plug	LIB417-491MP



## LIB421-49 Right-Angle PI3 Plug

- Assembled in USA.
- 2-wire (-49) and 3-wire (-491) right angle plugs for single or double contact sealed stop/turn or backup lamps.
- Includes #10 ring terminal on ground wire; hot wire is stripped.

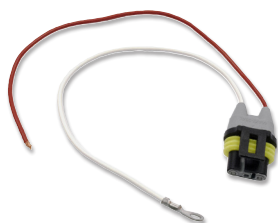
Description	Order No.
3-wire, rt. angle, 10.5"	LIB421-491



## LIB431-491 Straight PI3 Wire Plug

- Available in retail-friendly Viz Pack.
- Assembled in USA.
- Includes #10 ring terminal on ground wire; hot wire is stripped.
- 2-wire (-49) and 3-wire (-491) molded plugs for single or double contact sealed stop/turn/tail lamps.

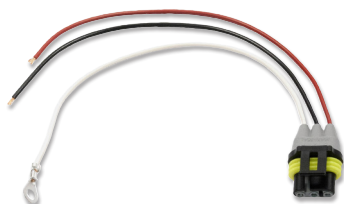
Description	Order No.
3-wire, straight, 10.5"	LIB431-491



## LIB817-48 Molded LED 2-Wire Plug

- Grease is not recommended on AMP-style connections.
- 817-481 adapter plug fits 421-49 and 431-49 plugs.
- 817-482 includes two .180 bullet terminals.
- LIB817-48 includes stripped hot wire; ground wire provided w/ #10 ring terminal and heat-shrink tubing for additional corrosion protection.
- Assembled in USA.
- 2-wire weatherproof plug with molded plug housing.
- For use with 817, 818, 820, 823, 1217, 1218, 1220, 1223 series LED lights.

Description	Order No.
stripped lead/ring terminal	LIB817-48



## LIB817-49 Molded LED 3-Wire Plug

- 817-497 has one AMP-compatible plug and one Packard-style plug.
- Assembled in USA.
- For use with 233, 817, 818, 820, 823, 1217, 1218, 1220, 1223 series LED lights.
- LIB817-49 includes stripped hot wires; ground wire provided w/ #10 ring terminal and heat-shrink tubing for additional corrosion protection.
- Grease is not recommended on AMP-style connections.
- 817-491 adapter plug fits 421-491 and 431-491 plugs.
- 3-wire weatherproof plug with molded plug housing.
- 817-492 includes three .180 bullet terminals.

Description	Order No.
stripped lead/ring terminal	LIB817-49





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