Loading Dock Lighting Systems

Designers & Manufacturers of Specialty Electrical Products Since 1922

Loading Dock Arm Layouts & Options

- Single Strut Swing Arm (SDL)
- Double Strut Arm (DL)
- Double Strut Swing Arm (DSDL)

Model A B C D E

Head Types Flex-Spring Fan

SDL24 19-1/2" 5" N/A N/A N/A All No No
SDL40 19-1/2" 43-1/2" 1-3/4" N/A N/A All No No
SDL60 31" 61" 8-1/4" N/A N/A All No No
DL40 19-1/2" 41" 5" N/A N/A All Yes (Add 9") Yes
DL60 29-1/2" 59" 5" N/A N/A All Yes (Add 9") Yes
DSDL40 19-1/2" 43-1/2" 5" N/A N/A All No No
DSDL60 29-1/2" 61-1/2" 5" N/A N/A All No No

*Measurement D for DL114 Not Shown

DL90 29-1/2" 59" 88-1/2" N/A 8-1/2" All Yes (Add 9") No
DL114 29-1/2" 59" 88-1/2" 118"* 8-1/2" All No No

LED module remains cool to the touch and will last over 50,000 hours.

All Steel Housing Includes:
1) Conveniently placed on/off switch
2) 6-ft. power cord with strain relief & NEMA 5-15 plug
3) 4 key slots for easy mounting
4) EMT knockout on back of housing for hardwire mounting
5) Corrosion resistant mounting box with powder coated cover

Gooseneck Industrial LED Light

- DLGN-L1 model uses only 14 watts of power
- DLGN-120 model can be used with customer supplied PAR38 bulb up to 150 watts
- DLGN-PLED model supplied with PAR38 LED bulb
- Flexible 27" arm with steel elbow easily bends around most dock door tracks & simplifies positioning
- UL Certified as a portable luminary for use in the United States and Canada
- 5-Year Warranty on DLGN-L1 modules.

Tri Lite Gooseneck Industrial LED Light

The ideal solution for loading dock and task lighting applications. Tri Lite's Gooseneck Industrial Light features a rugged, flexible stainless steel arm with a steel elbow for simplified positioning and durability. The polycarbonate light head remains cool to the touch. Available with LED module or threaded socket that accepts LED, incandescent or halogen bulbs up to 150 watts.

Measurements (DLGN-L1, DLGN-120 & DLGN-PLED)

- Front View: 31-1/2" (800mm)
- Side View: 3" (76mm), 4-3/4" (121mm), 8-5/8" (219mm), 9" (229mm), 31-1/2" (800mm)

Rugged, flexible stainless steel arm easily bends for simplified positioning but will not sag.
Tri Lite Loading Dock Light Heads

Tri Lite Loading Dock Light Heads are widely used around the world. Introduced over 40 years ago, these heads have evolved and are now industry standards. Whether your needs are for metal or plastic heads, equipped with efficient LED light sources or conventional bulbs, Tri Lite offers the right products for your application.

Heavy Duty LED Lamp Head (HDLED)

Virtually indestructible! The HDLED is designed for the most demanding environments including wet and damp locations.

- Uses 94% less energy than a traditional incandescent bulb, yet provides almost 1000 lumens of light
- Over 60,000 hour life expectancy in typical applications
- IP66 rated light head; dust tight and able to withstand water spray
- Rugged cast aluminum housing with shatterproof polycarbonate lens cover
- Field repairable
- Units available for 120V, 240V & low voltage applications
- cUL, UL and CE listed; ideal for food service applications
- 5-Year Warranty
- Patented

Metal LED Lamp Head (ML1HEAD)

Traditional, powder coated metal light head coupled with LED module illuminates trailer interiors with focused, cool white lighting. Energy efficient design.

- Uses 14 watts; 80% less energy than incandescent or halogen bulbs
- No fragile filament to break; no shattered glass to sweep up
- Instantly achieves maximum light intensity
- Units available for 120V & low voltage applications
- LED modules have 5-Year Warranty
- UL and cUL listed for safe operation
- INCHEAD models include wire guard and can be used with customer-supplied incandescent or halogen bulbs (up to 300 watts)
- Field repairable

Polycarbonate LED Lamp Head (PL1HEAD)

Unique, patented polycarbonate head coupled with our L1 LED module illuminates trailer interiors with focused, cool white light while providing energy efficient illumination in a durable package that withstands harsh loading dock environments.

- Uses 14 watts, 80% less energy than incandescent or halogen bulbs
- No fragile filament to break, no shattered glass to sweep up
- Instantly achieves maximum light intensity
- Cool to the touch, ideal for refrigerated & food service applications
- Units available for 120V, 240V & low voltage applications
- LED modules have 5-Year Warranty
- UL, cUL and CE listed for safe operation
- INCHEAD-PLED models include ruggedized PAR38 LED bulb (15 watts) and secured wire guard
- INCHEAD-P models include wire guard and can be used with customer-supplied incandescent, halogen or LED bulbs (up to 150 watts)
- HPSHEAD-P Light Head supplied with High Pressure Sodium (HPS) 50 watt bulb
- Field repairable
Tri Lite Loading Dock Light Arms

Tri Lite Loading Dock Light Arms are constructed from 14 gauge square steel tubing, powder coated to meet industrial requirements. A variety of arm designs are available with lengths from 24 inches to 114 inches.

**Single Strut Swing Arm (SDL)**
The SDL series is an economical lighting solution for low to mid volume loading docks. The arm features a hinge that allows both vertical and horizontal adjustment of the arm.

**Double Strut Arm (DL)**
The DL series is the standard in loading dock light arms. Dual struts give this arm the strength to survive in the busiest and most demanding warehouses. The dual strut design will also support a fan or light/fan combination.

**Double Strut Swing Arm (DSDL)**
The DSDL series dock loading light provides the double strut design of the DL series along with the vertical and horizontal adjustability of the SDL series for a great combination of strength and versatility.

**Double Strut Flex Arm (FLDL)**
The FLDL series dock light combines the strength of a standard dock light arm with the added flexibility of an impact absorber that bends the head away when bumped by a moving forklift or dock door.

### Loading Dock Arm Variations & LED Lamp Head Options

<table>
<thead>
<tr>
<th>Series</th>
<th>Arm Style</th>
<th>Available Size</th>
<th>Lamp Head Style</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>24&quot; 40&quot; 60&quot; 90&quot;** 114&quot;**</td>
<td>HDLED PL1HEAD INCEAHED-PLED INCEAHED-P INCEAHED-P ML1HEAD INCEAHED FAN</td>
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<tr>
<td>SDL</td>
<td>Single Strut Swing Arm</td>
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<tr>
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<td>Double Strut Arm</td>
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<tr>
<td>DSDL</td>
<td>Double Strut Swing Arm</td>
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<tr>
<td>FLDL</td>
<td>Double Strut Flex Arm</td>
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<tr>
<td>FANDEL</td>
<td>Fan/Light Combo w/Mounting Arm</td>
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<tr>
<td>DLFAN</td>
<td>Fan w/Mounting Arm</td>
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</table>
Tri Lite Dock Light Accessories
Tri Lite offers accessories that expand the applications, functionality and performance of Tri Lite's Dock Light Heads and Arms.

Adjustable Tripod (TRIPOD)
- Height adjustable from 40-72 inches
- Legs open to 42 inch diameter for stability, includes rubber non-skid feet
- Folded height is 40 inches for easy storage
- Lightweight tubular steel construction with durable powder-coated finish
- Provided with removable T-bar and adaptable electrical cords enabling use with one or two light fixtures
- Can be used with Tri Lite Dock Light heads, warning lights and/or signals

DLFAN Kit (DLFAN)
High Capacity 3-speed fan provides air circulation and cooling throughout the trailer. 18” fan rated for 3000 cfm. Each fan is supplied with a "Y" cord that enables the fan to be used separately or in conjunction with all Tri Lite dock light heads.

Magnetic Mounting Kit (DLMAG) Not Shown
A Magnetic Mounting Kit can be used with all Tri Lite light heads except HDLED units. Our durable magnet kit holds to most steel surfaces. Ideal for temporary applications as task lighting. Comes with six foot power cord.

Wire Guards
Wire guards are available for Polycarbonate, Metal and Gooseneck Light Heads. Wire guards, when used with recommended bulbs, can prevent fires. Guards also reduce chances of objects penetrating light head face and damaging the bulb. An optional security kit is available for use with polycarbonate light heads to deter unauthorized removal of bulb.

Heavy Duty Arm Bracket (DLWB)
Optional heavy duty mounting bracket. Provides additional support. Should be considered when mounting longer (90”+) arms and when fan units are added.
Tri Lite Gooseneck Industrial LED Light

The ideal solution for loading dock and task lighting applications. Tri Lite’s Gooseneck Industrial Light features a rugged, flexible stainless steel arm with a steel elbow for simplified positioning and durability. The polycarbonate light head remains cool to the touch. Available with LED module or threaded socket that accepts LED, incandescent or halogen bulbs up to 150 watts.

Gooseneck Industrial LED Light (DLGN-L1)

- DLGN-L1 model uses only 14 watts of power
- DLGN-120 model can be used with customer supplied PAR38 bulb up to 150 watts
- DLGN-PLED model supplied with PAR38 LED bulb
- Flexible 27” arm with steel elbow easily bends around most dock door tracks & simplifies positioning
- UL Certified as a portable luminary for use in the United States and Canada
- 5-Year Warranty on DLGN-L1 modules.

All Steel Housing Includes:

1) Conveniently placed on/off switch
2) 6-ft. power cord with strain relief & NEMA 5-15 plug
3) 4 key slots for easy mounting
4) EMT knockout on back of housing for hardwire mounting
5) Corrosion resistant mounting box with powder coated cover

LED module remains cool to the touch and will last over 60,000 hours.

Rugged, flexible stainless steel arm easily bends for simplified positioning but will not sag.

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Measurements (DLGN-L1, DLGN-120 & DLGN-PLED)

Front View

- 8-5/8” (219mm)
- 4-3/4” (121mm)
- 31-1/2” (800mm)
- 9” (229mm)

Side View

- 3” (76mm)
- 31-1/2” (800mm)
- Ø 6-5/8” (168mm)

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#### Single Strut Swing Arm (SDL)

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<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>Head Types</th>
<th>Flex-Spring</th>
<th>Fan</th>
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### Double Strut Arm (DL)

#### Double Strut Swing Arm (DSDL)

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*Measurement D for DL114 Not Shown*