

Explosion Proof LED Drop Light / Trouble Light -10 Watt LED - 150' SOOW Cord EXP Plug - 120-277V orPart #: [EHL-LED-7W-150-EPP](#)**Made in the USA**

The Larson Electronics EHL-LED-7W-150-EPP Explosion Proof LED Drop Light / Trouble Light is listed Class 1 Division 1 and 2, Groups C and D and is ideal for general work activities in hazardous locations requiring explosion proof protection. This portable handlamp is fitted with a high output 10 watt LED put providing 1050 lumens, is fitted with 150' of 12/3 SOOW cable for ample length within the worksite, and terminated in an explosion proof cord cap to round off the explosion proof rating on this drop light. This trouble light is ideal for temporary illumination within hazardous locations where flammable gases, vapors, or dusts exist or stand the potential to exist.

This 10 watt explosion proof LED work light produces 1050 lumens of bright white light and comes complete with 50 feet of explosion proof cord. The EHL-LED-7W-150-EPP LED drop light has no ballast and the housing is constructed of non sparking aluminum which results in a very lightweight unit. This hazardous location hand lamp is Class 1, Division 1 and 2 and Class 2 Division 1 and 2 hazardous location environment approved. This explosion proof LED drop light is ideal for hazardous work areas where a ready source of easily managed lighting is desired. These particular units also come standard with an explosion proof twist-lock plug. The plug is Class 1, Division 1 & 2 and Class 2, Division 1 & 2 rated. In order to complete the seal, operator must take twist-lock explosion proof plug and connect to an explosion proof outlet receptacle. Connecting to a regular 120V or 240V outlet renders the plug useless and should only be done when connecting the light outside of the explosion proof environment.



100 Watt Incandescent Bulb

[Click Photos to Enlarge](#)

With the EHL-LED-7W-150-EPP

[Click Photos to Enlarge](#)

This 10 watt LED drop light is suitable for use in areas where petrochemical vapors and various dusts are present and projects 1050 lumens of light, which is twice the lumens per watt output of a 100 watt incandescent bulb. The LED lamp used in this unit produces nearly 3 times the illumination of incandescent lamps as measured in foot candles, at less than 1/10th of the electricity usage and without the associated heat. This LED drop light runs at operating temperatures of 55° F, greatly reducing the chances of accidents or burns commonly associated with incandescent drop lights. This lamp has no ballast, which reduces lamp weight, an aluminum globe guard, and a swiveling hook for easy overhead mounting. The solid state LED bulb has no filament, making it resistant to damage from impacts and dropping. Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied and emit light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

[Click Photos to Enlarge](#)



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

Wiring & Plug: This explosion proof handlamp is equipped with 150 foot of 12/3 chemical and abrasion resistant SOOW cord that is fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug options include a 5-15 15 amp straight blade plug for use with 120V explosion proof outlets, a 5-20 20 amp straight blade plug for use with 120V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240V explosion proof outlets. *****PLEASE NOTE** voltage ratings on plugs and outlets are MAXIMUM voltage. For low voltage applications, proper voltage must be applied to the outlet or damage to the light fixture will occur***

This hand lamp has a high efficiency LED bulb that requires no ballast, so the operator doesn't need to drag the ballast housing around. This can be particularly annoying when the transformer becomes entangled in the cord. This explosion proof LED hand light operates on standard 120-277 Volts AC Hz for US voltages. We also offer a low voltage model that operates on 11-25V AC/DC. The light produced by this unit has a 6000k color temperature, which is much sharper and whiter than the light produced by incandescent lamps. The light produced by this lamp is ideal for close work and inspection activities where good contrast and true color representation is needed. The LED lamp in this unit runs much cooler than incandescent or fluorescent lamps, resulting in a lamp housing that remains cool to the touch and eliminates the accidental burns often encountered with incandescent drop lights.

Made in USA Quality

Lamp Features

1. Federal Spec Cord.
2. Explosion Proof.
3. 10 Watt 1050 Lumen LED Lamp.
4. Rugged fabricated steel and cast aluminum construction.
5. Red and Gray paint finish.
6. NRTL Listed Class1 Division 1 & Class 2 Divion 1
7. 120-277 Volt AC or 11-25V AC/DC Operation
8. 600V Rated SOOW cable.
9. Aluminum Hook for Convenient Placement.
10. Explosion Proof Plug - Class I, Div. 1 & 2 and Class II, Div. 1 &2

10 watt LED light produces 1050 lumens
Non-sparking aluminum housing
50,000 hour LED Lamp
Molded rubber bumper guard
Annealed glass tube shields prevent shattering
Integrated lamp shock absorbers prevent drop damage
Swivel hook for hanging and hands free operation
Explosion proof SOOW cord
Explosion Proof Twist-Lock Plug

Specifications / Additional Information**EHL-LED-7W-150-EPP****Listing:** United States**Lamp Type:** LED**Handlamp Dimensions:** 16.5"-L x 5"-Dia**Handlamp Weight:** 5.5 lbs**Total Weight:** 35 lbs**Voltage:** 120-277V AC or 11-25V AC/DC**Total Watts:** 10 watts**Total Lumens:** 1050**Luminous Efficacy:** 105 Lm/W**Lamp Life:** 50,000+ Hours**Color Temp:** 6000K, 4500K, 3000K, Red, Amber, Blue, Green, or Purple**Lighting Configuration:** 360° Flood**Power Efficiency:** >90%**Power Factor:** 0.95**Amperage:** 0.083A @ 120V AC, 0.042A @ 240V AC, 0.83A @ 12V, 0.42A @ 24V**Ambient Operating Temp Range:** -50° C to +85°C**Max Operating Temp:** 160° C (T3C) Class 1 & 2 Division 1 & 2**Lamp Housing Materials:** Rubber, Steel & Aluminum**Lamp Globe Materials:** Borsolite Hardened Glass**Mounting:** Handheld w/ Swivel Hanging Hook**Wiring:** 150' 12/3 SOOW w/ C1D1 Explosion Proof Cord Cap**Cord Cap:** 6-20 250V C1D1 Listed Explosion Proof**Warranty:** Yes - 3 Years**YOU CAN RENT THIS UNIT. CONTACT 1-800-369-6671.**

3 year warranty replacement on this LED light. After 30 days, the customer ships the failed LED light and/or LED bulb to Larson Electronics at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs within 30 days of receipt, Larson Electronics will provide a return label via email to the customer. When the failed light is returned, Larson Electronics will ship a new replacement.

Scroll Down to Purchase- Same Day Shipping on This Light!

Part #: EHL-LED-7W-150-EPP (105511)

Ratings/Approvals

Class I, Division 1, Groups C, D

Class II, Division 1, Groups F, G

Class I, Division 1 Plug

Class I, Zone 1 Group IIB

NEMA 4X

150 Foot 12/3 SOOW Cable

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671**Intl:** 1-903-498-3363**E-mail:** sales@larsonelectronics.com





Links (Click on the below items to view):

[- Dimensional Drawing](#)

[- STEP](#)

[- Hi-Res Image 1 -](#)

[- Hi-Res Image 2 -](#)

[- Hi-Res Image 3 -](#)

- Hi-Res Image 4 -

- Hi-Res Image 5 -