Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Product ID: 68808

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image:

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EPL-DL-24-50 Explosion Proof Low Voltage Drop Light

Lamp Type: Incandescent
Dimensions:16.5"L x 5"Dia
Total Weight: 13.7 lbs
Lamp Weight: 5 lbs
Voltage: 24 Volts AC or DC
Total Watts: 100 watts, 75 watts, or 60 watts
Total Lumens: 950 (100W), 712.5 (75W), or 570 (60W)
Luminous Efficacy: 9.5 Lm/W
Lamp Life: 1,500 Hours
Ambient Operating Temp: -20° to +50°C
Housing Material: Aluminum & Plastic
Mounting: Handheld w/ Swivel Hook
Lens Material: Tempered Glass
Wiring: 50` 14/3 SOOW Cable
Cord Cap: 5-15, 6-15, L5-15, L6-15, BS1363, Schuko, or Pigtail
YOU CAN RENT THIS UNIT. CONTACT 1-800-369-6671.
Click here to view the Explosion Proof Light Design Description

Approvals / Ratings

Class I, Division 1 & 2, Groups C, D (100 watt)
Class II, Division 1 & 2, Groups F, G (75 watt)
Class I, Zone 1, Group IIB
Listed to UL 844
Listed to CSA 22.2 No. 137
Listed for United States and Canada
T3C Temperature Rated

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EPL-DL-24-50 Explosion Proof Hand Lamp is listed Class 1

Division 1 & 2 Groups C and D and Class 2, Division 1 & 2, Groups F and F. This drop light is ideal for general work activities in hazardous locations requiring explosion proof protection.

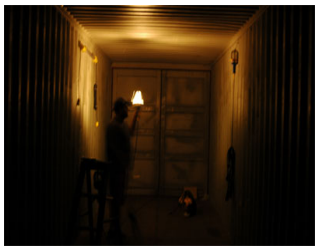
12 and 24 Volt Incandescent bulbs are being phased out. Click here to see the low voltage LED version of this explosion proof hand lamp.

This explosion proof work light from Larson Electronics is designed to operate on 24 volt current and comes complete with 50 feet of SOOW cord and an industrial plug. The EPL-DL-24-50 drop light housing is constructed of aluminum with a rubber bumper guard designed to provide an effective lighting solution for operators requiring a versatile source of illumination. This hazardous location hand lamp is Class 1, Division 1 approved and equipped with a 100 watt, 75 watt, or 60 watt bulb. This explosion proof drop light is ideal for hazardous work areas where a ready source of easily managed lighting is desired.



Dark 40` Container

Click Photos to Enlarge



Illuminated with EPL-120-100

Click Photos to Enlarge

This drop light is equipped with a 100 watt, 75 watt, or 60 watt 24 volt rough service lamp and is suitable for use in areas where petrochemical vapors and various dusts are present. This unit is rated Class 1, Division 1 and 2 and Class 2, Division 1 and 2 rated and comes complete with 50’ of SOOW cord terminated with an industrial grade plug.

Voltage: The incandescent lamp in this unit is designed to operate on 24V AC or DC voltages. We also offer low voltage LED models that operate on universal 11-25V AC/DC. We offer the same explosion proof hand lamp with incandescent, compact fluorescent, and LED lamps in high voltage models.

Click Photos to Enlarge



5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



L6-15 Twist Lock Plug
15 Amp / 250V Rated

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UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



Flying Leads / Pigtail Wires

Wiring and Plug: This explosion proof drop light is equipped with 50 foot of 14/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground, standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

This explosion proof hand light operates on 24 Volts AC or DC. This is not an "inline transformer" unit, and the operator will need a 24V low voltage power source to run this light or transformer system like our TX-500VA-4XA0 with 4 low voltage outlets.

Made in USA Quality

1. Federal Spec Cord.
2. Explosion Proof.
3. 100 Watt, 75 watt, or 60 watt Lamp.
4. Rugged fabricated steel and cast aluminum construction.
5. Red and Gray paint finish.
6. UL Class1 Div1
7. 24 Volt DC Operation
8. 50` SOOW cable.
9. Swivel Hook for Convenient Placement.

Lamp Features

Rubber bumper Guard
Non-sparking aluminum housing
24V low voltage operation
Aluminum lamp guard
Lamp shield prevent shattering
Plugs into standard outlets
Swivel hook for hanging and hands free operation
Chemical and oil resistant cord

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Frequently Asked Questions (FAQ)

There are no Faqs

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Product ID: 68808

Harmonized System (HS) Code: 85131000
Export Control Classification Number (ECCN): EAR99

Options:

-Lamp Wattage-Cord Cap
Example: -100W-5.15

Lamp Wattage	
100 WATT	-100W
75 WATT	-75W
60 WATT	-60W

Cord Cap	
5-15 STRAIGHT	-5.15
6-15 STRAIGHT	-6.15
L5-15 TWIST	-L5.15
L6-15 TWIST	-L6.15
UK BS1363	-BS1363
INTL SCHUKO	-Schuko
PIGTAIL	-Pigtail

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com//images/product/CECCert/68808.PDF)
- **CE Certificate**(https://www.larsonelectronics.com//images/product/CECert/68808.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com//images/product/Cert1/68808.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com//images/product/Cert2/68808.PDF)
- **Certificate 3, Misc**(https://www.larsonelectronics.com//images/product/Cert3/68808.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com//images/product/Msds/68808.PDF)
- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/68808.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com//images/product/RoHSCert/68808.PDF)
- **SpecSheetArabic**(https://www.larsonelectronics.com//images/product/SpecSheetArabic/68808.PDF)
- **SpecSheetFrench**(https://www.larsonelectronics.com//images/product/SpecSheetFrench/68808.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com//images/product/NECCert/68808.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com//images/product/WiringDiagram/68808.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/68808.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/68808.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/68808.JPG)
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- **HigResPic5**(https://www.larsonelectronics.com//images/product/HigResPic5/68808.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
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