Larson Electronics LLC
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EHL-LED-120XLV-25

Explosion Proof LED Drop Light - C1D1 - Transformer Steps Down 120/277VAC to 12/24VDC - 7W LED - 25

Product ID: 49677

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



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.

EHL-LED-120XLV-25

UL Listing: United States
Dimensions:L-16.5 " Dia-5"
Lumens: 735
Total Watts: 7 watts

Voltage: Stnd-12V/24V DC Inline Step-Down Transformer
Color Temp: 6000k

Mounting: Aluminum Hook

Wiring: 25` SOOW Cord & 10` SOOW Cord

Lamp Type:: LED

U.L. Ratings

Class 1, Division 1 & 2 for Groups C, D
Class II, Division 1 and 2 for Groups F, G

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

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.

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Made in the USA

The Larson Electronics EHL-LED-120XLV-25 Explosion Proof LED Drop Light / Trouble Light is UL Listed Class 1 Division 1 & 2 Groups C and D - and is ideal for general work activities in hazardous locations requiring explosion proof protection.

This 7 watt explosion proof LED work light from Larson Electronics produces 735 lumens of bright white light and comes complete with 25 feet of explosion proof cord. The EHL-EHL-LED-120XLV-25 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 designed with a 12 volt or 24 volt LED bulb to operate with 12VDC or 24VDC current for for low voltage operation.



100 Watt Incandescent Bulb

Click Photos to Enlarge



With the EHL-LED-120X12-100

Click Photos to Enlarge

Click Photos to Enlarge

This 7 watt LED drop light is suitable for use in areas where petrochemical vapors and various dusts are present and projects 735 lumens of light, which is twice the lumens per watt output of a 100 watt incandescent bulb. This unit is rated Class 1, Division 1 and comes with 25' of SOOW 16/3 AWG cord between the lamp and transformer, and an additional 10` between the transformer and 5-15 straight blade plug cord cap.

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 ballast becomes entangled in the cord. This explosion proof LED hand light operates on 12 Volts DC or 24 Volts DC for for low voltage operations. An included inline transformer allows this unit to plug into a standard outlet and operate from 120-277VAC, then steps the current down to 12V/24V DC for operating the lamp.

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 flourescent lamps, resulting in a lamp housing that remains cool to the touch and eliminates the accidental burns often encountered with incandescent drop lights.

Wiring: This unit is equipped with 25` of 16/3 SOOW between the handlamp and the encapsulated weatherproof transformer. There is ten feet of 16/3 SOOW cable coming out of the transformer, and is terminated with a 5-15 straight blade plug. Both the line-in and line-out cables of the transformer are terminated via EYM seal offs to prevent the cable from being pulled out while in the field. The transformer enclosure features a chain carry handle for easy mobility.

Made in USA Quality

1. Federal Spec Cord.
2. Explosion Proof.
3. 7 Watt 735 Lumen LED Lamp.
4. Rugged fabricated steel and cast aluminum construction.
5. Blue and Gray paint finish.
6. UL Class1 Div1 Class 2 Div1
7. 12V/24V DC Volt Operation
8. SOOW cable.
9. Aluminum Hook for Convenient Placement.

Lamp Features

7 watt LED light produces 735 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 cord

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Frequently Asked Questions (FAQ)





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EHL-LED-120XLV-25

Product ID: 49677

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

EHL-LED-120XLV-25-Voltage

Example: EHL-LED-120XLV-25-12V

Voltage	
12 VOLTS DC	-12V
24 VOLTS DC	-24V

Links (Click on the below items to view):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- CE Certificate
- Certificate 1, Misc
- Certificate 2, Misc
- Certificate 3, Misc
- Dimensional Drawing 2D
- DXF (2D CAD Model)
- MSDS (Material Safety Data Sheet
- Operations Manual
- RoHS Certificate (Restriction of Hazardous Substances)
- SpecSheetArabic
- SpecSheetFrench
- STEP File (3D CAD Model)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- HigResPic1
- HigResPic2
- HigResPic3
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map