

**EHL-LED-7W-240XLV-C1D1-100-2023**

**Explosion Proof 10W LED Drop Light - Class I Div 1 - Inline Stepdown Transformer - 100' Cord - 220-240VAC**

**Product ID: 150580**

**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-7W-240XLV-C1D1-100-2023**

Listing: United States

Lamp Type: LED

Dimensions: L-16.5 " Dia-5"

Weight (Handlamp Only): 5 lbs

Weight (Assembly): 37.4 lbs

Voltage: 120-240VAC stepped down to 12V or 24V DC with an inline transformer

Total Watts: 10 watts

Lumens: 1050

Luminous Efficacy: 105 Lm/W

Lamp Life: 50,000+ Hrs

Color Temp: 6000K

Mounting: Aluminum Hook

Wiring: 100' 12/3 SOOW Cord, Inline C1D1 xfmr, 5' 16/3 SOOW, EXP Cord Cap

Cord Cap: 5-15P [EXP, 125V], 5-20P [EXP, 125V], 6-20P [EXP, 250V]

**Ratings/Features**

Listed for United States & Canada

Class I, Divisions 1 & 2, Groups C, D

Class II, Divisions 1 and 2, Groups F, G

Class I Division I Inline Transformer

**YOU CAN RENT THIS UNIT. CONTACT 1-800-369-6671.**

**Special Orders - Special Requirements**

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

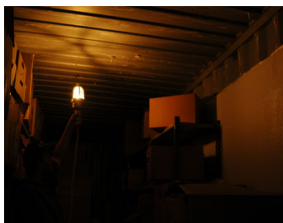
E-mail: [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

**Made in the USA**

**The Larson Electronics EHL-LED-7W-240XLV-C1D1-100-2023 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 10 watt explosion proof LED work light from Larson Electronics produces 1050 lumens of bright white light and comes complete with 100 feet of explosion proof cord, an explosion proof inline transformer and a 20 amp 6-20P explosion proof

cord cap. The EHL-LED-7W-240XLV-C1D1-100-2023 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. This LED drop light is designed with a 12 volt or 24 volt LED bulb to operate with 12VAC or 24VAC current for low voltage operation.



**100 Watt Incandescent Bulb**  
[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



**With the EHL-LED-7W**  
[Click Photo 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. This unit is rated Class 1, Division 1 and comes complete with 100' of SOOW 16/3 AWG cord with an inline transformer ending in an E20 amp 6-20P explosion proof cord cap. The EHL-LED-120XLV series requires the stepdown transformer to be outside of the hazardous location, but with by incorporating a class 1 division 1 stepdown transformer and explosion proof plug, this entire unit is explosion proof and is able to be used within the hazardous location.

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 AC or 24 Volts AC for low voltage operations. An included inline transformer allows this unit to plug into a standard outlet and operate from 120-240 Volts AC, then steps the current down to 12V or 24V AC 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 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

1. Federal Spec Cord.
2. Explosion Proof.
3. 10 Watt 1050 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. 120-240 Volt Operation
8. SOOW cable.
9. Aluminum Hook for Convenient Placement.

## Lamp Features

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 cord

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## Frequently Asked Questions (FAQ)









**EHL-LED-7W-240XLV-C1D1-100-2023**

**Product ID: 150580**

**Harmonized System (HS) Code: 9405.41.84.10**

**Export Control Classification Number (ECCN): EAR99**

**Options:**

**EHL-LED-7W-240XLV-C1D1-100-2023-Output Voltage**

**Example:** EHL-LED-7W-240XLV-C1D1-100-2023-12VDC

| Output Voltage |        |
|----------------|--------|
| 12V DC         | -12VDC |
| 24V DC         | -24VDC |
| 12V AC         | -12VAC |
| 24V AC         | -24VAC |

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](#)
- [MSDS \(Material Safety Data Sheet](#)
- [Operations Manual](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [Wiring Diagram](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)