Explosion Proof Drop Light (Hand Lamp) with C1D1 Inline Transformer - 75' Cord - 120VAC to 24V - EXP
Part #: EPL-120X24V-C1D1-75-EPP

Made in the USA

The Larson Electronics EPL-120X24V-C1D1-75-EPP Explosion Proof Hand Lamp is listed Class 1 Division 1 Groups C and D and is ideal for general work activities in hazardous locations requiring explosion proof protection. This C1D1 drop light is equipped with a 75’ cord with a Class 1 Division 1 inline transformer stepping down 120V to 24V and terminated in an explosion proof plug. This explosion proof work light is designed to operate on 120 volt AC current and comes with 75 feet of SOOW cable and an inline Class 1 Division 1 step down transformer terminated in an explosion proof plug. The EPL-120X24V-C1D1-75-EPP 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 60 watt, 75 watt, or 100 watt bulb. Please specify bulb type when ordering. This explosion proof drop light is ideal for hazardous work areas where a ready source of easily managed lighting is desired.

Dark 40' Container

2023 Explosion Proof Plug

nated with EPL-240X12V-C1D1-100-2023

Click Photos to Enlarge

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This drop light operates on 120V AC and steps down the voltage to 24 Volts for the light and is suitable for use in areas where petrochemical vapors and various dusts are present. This unit is rated Class 1, Division 1 and Class 2, Division 1 and comes with 75' of SOOW 12/3 AWG cord and an inline transformer that steps down 120 VAC to 24 Volts. This lamp comes an explosion proof plug.

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Wiring: This unit is equipped with 75 feet of 600V 12/3 chemical and abrasion resistant SOOW cable leading to an encapsulated, Class 1 Division 1 explosion proof step down transformer. There is ten feet of 16/3 SOOW cable coming out of the inline transformer, and is terminated in a 5-15P or 5-20P 125V rated explosion proof cord cap. Both the line-in and line-out cables of the transformer are terminated via EYM seal offs with Kellum style cord grips to prevent the cable from being pulled out while in the field. The transformer enclosure features a chain carry handle for easy mobility. This inline power supply for this explosion proof drop light is an auto sensing universal voltage transformer that operates on any voltage within the 100-277 volts AC 50/60Hz range. This unit allows operators to power the incandescent light from any 120V AC power source, and steps down AC voltage to 24V DC.

This explosion proof hand light contains a 60, 75 or 100 watt bulb which operates on 12 Volts only. Please Note: 75 watt bulb maximum for compliance to Class 2 Division 1 rating.

Made in USA Quality

2. Explosion Proof.
3. 60, 75, or 100 Watt Lamp.
4. Rugged fabricated steel and cast aluminum construction.
5. Red and Gray paint finish.
6. Class1 Div1 & Class 2 Div1
7. 24 Volt DC Operation
8. 75' 12/3 SOOW cable leading to step-down transformer
9. Hook for Convenient Placement
10. Explosion proof inline stepdown transformer
11. Entire unit is Class 1 Division 1 Rated

Lamp Features

- Rubber bumper guard
- Non-sparking aluminum housing
- 24V DC low voltage operation
- Aluminum lamp guard
- Lamp shield prevent shattering
- Inline Stepdown transformer
- Swivel hook for hanging and hands free operation
- 600V rated chemical and abrasion resistant cable
Specifications / Additional Information

**EPL-120X24V-C1D1-75-EPP**

**Ratings/Approvals**

**Listing:** United States

**Lamp Type:** Incandescent

**Handlamp Dimensions:** 16.5"L x 5"Dia

**Handlamp Weight:** 5.5 lbs

**Total Weight:** 35 lbs

**Voltage:** 120 VAC Stepped down to 24V DC

**Total Watts:** 60, 75, or 100 watts

**Total Lumens:** 540, 675, or 900

**Luminous Efficacy:** 9 Lm/W

**Lamp Life:** 750 Hours

**Color Temp:** 2700K

**Lighting Configuration:** 360° Flood

**Transformer Power Efficiency:** >90%

**Transformer Power Factor:** 0.95 @ 230V AC

**Max Amperage:** 0.46A @ 240V AC

**Max Ambient Temp:** -32°C to +45°C

**Max Operating Temp:** 160° C (T3C) Class 1 & 2 Division 1 & 2

**Mounting:** Handheld w/ Swivel Hanging Hook

**Wiring:** 75' 12/3 SOOW, C1D1 Inline Transformer, 10' 16/3 SOOW

**Cord Cap:** 5-15P or 5-20P Explosion Proof Plug

**Warranty:** Yes - 3 Years

3 year warranty replacement on this light. After 30 days, the customer ships the failed 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.

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

Click here to view the Explosion Proof Light Design Description

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

Part #: EPL-120X24V-C1D1-75-EPP (106188)
Links (Click on the below items to view):

- Dimensional Drawing
- STEP
- Hi-Res Image 1 - Explosion Proof Drop Light
- Hi-Res Image 2 - Explosion Proof Drop Light
- Hi-Res Image 3 - Explosion Proof Drop Light
- Hi-Res Image 4 - Explosion Proof Drop Light
- Hi-Res Image 5 - Explosion Proof Drop Light
- Hi-Res Image 6 - Explosion Proof Drop Light
- Hi-Res Image 7 - Explosion Proof Drop Light