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EPLFL-26W-P-12VI-100

26W Low Voltage (12 volt) Explosion Proof Fluorescent Hand Lamp (Drop Light) with Inline Transformer

Product ID: 1992

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.

EPLFL-26W-P-12VI-100 Hand Lamp

UL Listing: United States - Canada

Dimensions: L-23 " Dia-4"

Lamp Type: Compact Fluorescent

Total Watts: 26 watts

Voltage: Stnd-120V stepped down to 12V

Total Lumens: 1800

Mounting: Swivel Hook

Wiring: 100`12/3 SOOW Cord

U.L Approval: U.S Certificate Canada Certificate

U.L. Ratings

Class 1, Division 1 for Groups C, D

Class II, Division 1 Groups F, G

UL listed U.S. and Canada

UL Listed Explosion Proof Cord

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. PLEASE CONTACT 1-800-369-6671.

Made in the USA

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The Larson Electronics EPLFL-26W-P-12VI-100 Hazardous Area Fluorescent Work light is UL Listed Class 1 Division1 Groups C and D and is ideal for close quarter work and inspection activities in hazardous locations requiring explosion proof protection.

This 120VAC to 12 VDC-26 watt explosion proof fluorescent work light from Larson Electronics produces 1800 lumens of fluorescent illumination and comes complete with 100 feet of explosion proof cord, an inline step down transformer, and a straight blade plug. The EPLFL-26W-P-12VI-100 fluorescent drop light uses a compact fluorescent bulb and the lamp body is constructed of high strength plastic and aluminum which helps to reduce weight and improve durability.This hazardous location hand lamp is Class 1, Division 1 and Class 2 Division 1 hazardous location environment approved. An inline step down transformer reduces the 120 VAC input to 12 volts DC. The 100 foot 12/3 SOOW cord carries the 12 volts to the explosion proof hand lamp. The inline transformer is encapsulated in a Nema compliant enclosure with an aluminum handle for portability.

Click Photo to Enlarge

This 26 watt fluorescent light operates on 120 Volt current that is stepped down by an inline transformer to 12 Volts and is suitable for use in areas where petrochemical vapors and various dusts are present. The lamp creates 1,800 lumens of light, roughly equivalent to a 100 watt incandescent bulb as estimated by Sylvania. The bulb is backed with a white reflector which is designed to keep the light out of the operator`s eyes and focus more of the light on the subject area. Fluorescent lights are popular in paint prep, painting and post-paint inspection operations due to the even white color light produced.
Incandescent lights tend to create yellowish, shadowy light that confuses the eye and makes it difficult to examine a work area with consistency. The light output, color and evenness of coverage make fluorescent lights popular for a wide variety of close quarter work and inspection activities.
This explosion proof hand lamp is relatively easy to relamp. Set screws hold the 2 piece plastic cover in place over the aluminum core. Once the plastic covers are unscrewed, the bulb is revealed. The bulb is encapsulated within a glass dome, which is enveloped by the plastic outer housing. An aluminum ring is screwed into place over the lip of the dome and a o-ring style gasket ensures the seal. Once the glass dome and seal are removed, the operator can replace the 4-pin compact fluorescent bulb.

Made in USA Quality	**Lamp Features**
1. Federal Spec JC-580A Cord.	26 watt fluorescent produces 1800 lumens.
2. Indoor or outdoor use.	Plastic and aluminum housing.
3. Low 12VDC operation.	Compact fluorescent lamp.
4. Rugged plastic and aluminum construction.	No inline ballast to tangle or damage.
5. Sealed Lamp Cover.	Glass lamp shield prevents shattering
6. UL Listed Class1 Dv 1, Class 2 Div 1	Lamp and glass cover protected by plastic cage.
7. Lightweight.	
8. 100`12/3 SOOW cable- 515 straight blade plug.	Swivel hook for hanging and hands free operation.
9. UL and CUL Listed.	Explosion proof cord.

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Frequently Asked Questions (FAQ)

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EPLFL-26W-P-12VI-100

Product ID: 1992

Harmonized System (HS) Code: 85131000

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- Dimensional Drawing 2D
- DXF (2D CAD Model)
- Operations Manual
- SpecSheetArabic
- SpecSheetFrench
- STEP File (3D CAD Model)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- Video1
- Video2
- Video3
- Video4
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map