

EPL-PM-1X70LED-LV-100

Explosion Proof LED Light - Low Voltage Operation - 70 Watt LED Bulb - Class 1 Groups C and D

Product ID: 70822

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.

EPL-PM-1X70LED-LV-100

UL Listing: United States/Canada

Dimensions: 12"-Diam Base 16.75"-H 13.9"-Depth

Weight: 28 Lbs

Total Watts: 70

Voltage: 9 to 48 VDC

Lamp Lumens: 6020

Lamp Type: CREE XLamp MC-E LED

Mounting: Aluminum Circular Pedestal Base

Wiring: 100 feet SOOW Cord ECP 1523 Explosion Proof Plug

Operating Temp Range: T3C Rated

LED Lamp Life: 50,000 Hours

Amps: 5.84

LUX: @ Lens-53,500 @ 1 Meter-1,950

UL and CSA Certified

Class 1 Groups C and D

UL Standard: UL 1598, UL 844

UL Listed: E10794

500 hour salt-spray tested. Per MIL-F-8115C

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

This fixture is being remanufactured under file number E10794.

3 year warranty replacement on this LED light (or LED bulbs for light fixtures with removable LED bulbs). 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.

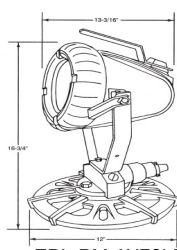
Made in the USA

The EPL-PM-1X70LED-LV-100 Explosion Proof LED Light is UL Listed Class 1 Groups C and D, and is rated for use in wet and marine environments. The waterproof construction and LED lamp used with this unit provides operators with excellent power and light quality coupled with high versatility and excellent durability.

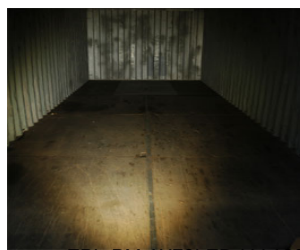
The EPL-PM-1X70LED-LV-100 Pedestal Mounted Explosion Proof Light provides a beam that is 750 feet long by 110 feet wide with 6,020 lumens of light output. The 70 watt LED lamp in this unit produces more illumination than a 150 watt halogen lamp, runs cooler, lasts far longer, and produces better color rendering and object contrast. This portable unit is waterproof and tested to 500 hours of salt spray exposure in accordance with MIL-F-8115C Military Specifications. This unit operates on 9 to 48 Volts DC to provide a low voltage lighting solution for areas where low voltage operation is preferred.



53' container no illumination



EPL-PM-1X70LED-LV-100



EPL-PM-1X70LED-LV-100

[Click Photo to Enlarge](#)

[Click Photo to Enlarge](#)

[Click Photo to Enlarge](#)

This portable explosion proof LED light fixture is comprised of a 70 watt LED equipped light head mounted atop a circular pedestal base. The entire unit is fabricated from cast aluminum and is factory sealed and water tight. This unit requires no external seals, has a built in carrying handle, and the light head can be adjusted through 135° of vertical movement. The yoke is formed of high strength aluminum alloy, the lens is thermal shock and impact resistant glass, and the entire housing is formed of cast aluminum with an aluminum enamel coating. The 70 watt LED lamp in this unit is comprised of seven 10 Watt LED CREE lamps and produces more lumens than a 150 watt halogen lamp. At 5500k color, the light from this unit is bright white in contrast to the yellowish hue of the standard halogen incandescent bulb. The operating temperature of this LED explosion proof light is approximately 55 degrees Fahrenheit as compared to the 198 degrees operating temperature of the 300 watt incandescent version. This makes the light easier to handle and move and doesn't create additional heat in smaller, confined spaces. Additionally, the LED lamp in this unit has a far longer operational life at up to 50,000 hours as compared to the 600-100 hours for a standard halogen lamp. This greatly reduces the costs associated with frequently replacing lamps and servicing.

Included with this unit is 100 feet of 16/3 SOOW (abrasive and oil resistant) cord ending in an ECP 1523 5-15P explosion proof straight blade plug connector. This light operates with standard 12 volts DC current.

This lamp is extremely rugged and ideal for use in marine environments where damage due to salt water spray and dampness is an issue.

Made in the USA Quality

1. Thick cast aluminum construction.
2. Thermal shock and impact resistant glass lens.
3. Aluminum alloy yoke.
4. High stability round pedestal base..
5. Factory sealed, no external seals required.
6. 500 hour salt-spray tested. Per MIL-F-8115C.
7. Low Maintenance.
8. LED lamp lasts longer, provides more light using less power, and creates less heat.

- 9. Explosion proof cord and plug included..
- 10. Included carrying handle.



Frequently Asked Questions (FAQ)

EPL-PM-1X70LED-LV-100

Product ID: 70822

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)