

EPLC2-LP-70W-LED

70 Watt Low Profile Explosion Proof LED Light Fixture - 6000 Lumens - Class I Division 2

Product ID: 69930

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.

1EPLC2-LP-70W-LED Pendant Mount Low Profile LED Light

1Lamp Type:1 LED
1Dimensions:1 10.7"L x 9.7"W x 5.8"D
1Weight:1 20 lbs
1Voltage:1 Universal Voltage - 100-277V AC, 50/60Hz
1Total Watts:1 70W
1Total Lumens:1 6,000
1Luminous Efficacy:1 85.71 Lm/W
1Lamp Life:1 100,000+ Hours
1Color Temp:1 6,000K
1Color Rendering Index:1 >70
1Beam Spread:1 360° or 180°
1Lighting Configuration:1 Flood Pattern
1Ambient Operating Temp Range:1 -40°C to +45°C
1Operating Temp Rating:1 T5
1Mounting:1 3/4" NPT Pendant Mount
1Wiring:1 10` 16/3 SOOW Cable w/ Flying Leads

1Ratings

1T5 Temperature Rating
1Class I Division 2 Groups B, C, D
1Class II Divisions 1 & 2 Groups E,F,G
1UL 844
1UL-1598/A
1IP66
1NEMA 4X

1Special Orders - Special Requirements

1Contact us for special requirements

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The EPLC2-LP-70W-LED from Larson Electronics is a Low Profile Pendant Mount Hazardous Location LED Light Fixture that provides operators with a powerful and energy efficient alternative to traditional hazardous location luminaries. LED technology and compact design makes this lamp an excellent replacement upgrade option for bulky and high maintenance cost older fixtures.

This Class I Division 2, Class II Divisions 1 & 2 hazardous location light fixture provides 6,000 lumens of high quality light while drawing only 70 watts. It is available in 360° and 180° beam spreads. The copper free aluminum alloy body is powder coated for added durability and an attractive aesthetic appearance. A special heat dissipating design in conjunction with advanced LED driver technology helps this fixture achieve an excellent 100,000 hour rated lifespan with 70% lumen retention. Light weight and a low profile make this unit an attractive alternative to larger and heavier older fixtures and requires less hardware to install.

[1Click Photo to Enlarge](#)

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

This pendant mount light is universal voltage capable and can be operated with 100-277 VAC, 50/60Hz without any need for a ballast or transformer. The aluminum body and LED lamp assembly gives this light excellent durability and resistance to vibration and impacts. The housing is specially designed to dissipate heat, which increases the efficiency and lifespan of the LED emitters. This high output LED lamp produces 6,000 lumens with a color temperature of 6000K and a color rendering index of 70, which means this lamp renders colors and details much more accurately than high pressure sodium or mercury vapor luminaries. The EPLC2-LP-70W-LED is available in several mounting configurations including ceiling mounting, pendant mounting, wall mounting and cable mounting.

Note on Beam Spread: The 360° beam spread is the standard directional output and typical for flood lights. The 180° shines in only one direction. This is good for down lighting, wall packs and for not blinding oncoming traffic or pedestrians.

Mounting: The EPLC2-LP-70W-LED is a pendant mount fixture. Pendant mounting requires conduit to be supplied by the installer.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.



Frequently Asked Questions (FAQ)









EPLC2-LP-70W-LED

Product ID: 69930

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPLC2-LP-70W-LED-Beam Spread

Example: EPLC2-LP-70W-LED-360

Beam Spread	
360 DEGREES	-360
180 DEGREES	-180

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)