

EPL-LPBS-70LED

Portable Explosion Proof LED Light - Base Stand Mount - 70 Watt LED - Class I Div 1 C&D

Product ID: 71014

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-LPBS-70LED Explosion Proof LED Light

Listing: United States

Dimensions: -

Weight: 25 Lbs

Total Watts: 70 watts

Voltage: Multi-voltage 120-277V AC 50/60Hz

LED Lamp Lumens: 5,800

LED Lamp Life Expectancy: 100,000+ Hours

Mounting: Aluminum Base Stand

Wiring: User provided

Operating Temp Range: T5 Rated -40°C to +45°C

Color Temp: 5000K

Ratings/Approvals

ETL Certified U.S. Standards

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

Class II, Divisions 1 & 2, Groups E, F & G

UL-844

UL-1598/A

IP66

NEMA 4X

Special Orders - Special Requirements

Contact us for special requirements

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The EPL-LPBS-1X70LED Portable Explosion Proof LED Light from Larson Electronics is rated Class I Divisions 1 & 2 Groups C & D and Class II Divisions 1 & 2 and uses a compact LED light head to produce 5,800 lumens of light while drawing only 70 watts.

The EPL-LPBS-1X70LED explosion proof LED light provides operators an easy to maneuver LED work light for use within hazardous locations. This portable LED light is mounted to a pivoting four leg aluminum base and has a low profile C1D1

LED light head. The LED light head on this unit produces a brilliant flood pattern of light that is ideal for illuminating enclosed areas and hazardous locations where flammable vapors, gases and dusts may be present.

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 explosion proof LED light fixture is comprised of a 70 watt low profile LED light head mounted atop a base stand fabricated from non sparking aluminum. The lamp can be easily adjusted up or down 90 degrees and locked into position by simply loosening the two hand screws located on either side of the light head and retightening them once the desired angle is found. The light frame assembly features a carrying handle on the top for easy transport, and a hand screw at the base allowing operators to pivot the top frame assembly on the 2.5" OD mounting stud on the four leg base stand.

This unit is also multi-voltage capable and can configured to operate on 120-277 volts 50/60 Hz. Further adding to the versatility and convenience of this explosion proof LED light are 25 peel off mylar overspray lamp protectors that ship with the unit. The protectors provide lamp protection from dirt or debris and can be removed, cleaned and replaced, lessening the need for tedious lamp cleaning or replacements. This lamp is T5 temperature rated and the LED light head retains 70% of its lumen output after 100,000 hours of use, far longer than incandescent or fluorescent lamps.

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.

Made in USA Quality

1. Low power consumption.
2. Durable Base Mount constructed of copper free aluminum.
3. Approved Class I Div 1-2 Class II Div 1-2
4. Instant on/off operation.
5. Fixture constructed of extruded corrosion resistant copper free aluminum alloy.
6. Superior color rendering compared to HPS, LPS, MV.
7. Retains 70% lumen output after 100,000 operating hours.
8. Powder coated aluminum fixture body.
9. Swiveling light head, pivoting base, and carrying handle
10. Low profile - Light weight
11. 5,800 Lumen output from only 70 watts

Superior LED Benefits

1. 100,000+ hour lifespan.
2. Can SAVE 50% or more on energy.
3. 100% recyclable.
4. No toxins-lead, mercury.
5. No UV light, infrared radiation or CO2 emissions.
6. Bright, even light maintains consistent color over time.
7. Instant on/off - No flickering, delays or buzzing.
8. Very good color rendering.
9. Vibration/impact resistant.
10. Significantly cooler operation.
11. Less frequent outages, higher output improves workplace safety.



Frequently Asked Questions (FAQ)









EPL-LPBS-70LED

Product ID: 71014

Warranty: 36 Months

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-LPBS-70LED-Beam Spread

Example: EPL-LPBS-70LED-60B

Beam Spread	
60 DEGREES	-60B
125 DEGREES	-125B

Links (Click on the below items to view):

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