

50W Portable Explosion Proof LED Light - Non-Spark Aluminum Base - Inline Switch - 50' 16/3 Cord

Part #: EPL-BS-70LED-50



The EPL-BS-70LED-50 Portable Explosion Proof LED Light from Larson Electronics is rated Class I Divisions 1-2 Groups C & D and Class II Division 1-2 and produces 7,000 lumens of light while drawing only 50 watts.

The EPL-BS-70LED-50 explosion proof LED light provides 4,500 square feet of work area coverage with 7,000 lumens of light output. It is available in 360° and 180° beam spreads. This portable LED light is mounted to a handheld aluminum frame with an explosion proof on/off switch on the back of the frame. 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.

This explosion proof LED light fixture is comprised of a 50 watt LED light head mounted atop a base stand fabricated from non sparking spun aluminum with a convenient carrying handle built into the top of the stand. The aluminum frame features an explosion proof switch built into the cord wrap on the back of the unit. Included with this LED light is 50 feet of SOOW cord terminating in an 1523 explosion proof straight blade plug.

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 unit is also multi-voltage capable and can be configured to operate on 120-277 volts 50/60 Hz. This lamp is T5 temperature rated and the LED light head retains 80% of its lumen output after 60,000 hours of use, far longer than incandescent or fluorescent lamps.

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.

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. Approved Class I Div 1-2 Class II Div 1-2
2. Led lamp head requires no lamping
3. Durable Base Mount constructed of copper free aluminum
4. No ballast box. No ballast to replace.
5. Extreme long life LEDs reduce maintenance and replacement costs
6. 7,000 Lumens produced from only 50 watts
7. Mercury free shock proof LED lamp light head

Superior LED Benefits

1. 50,000+ 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.

Specifications / Additional Information

EPL-BS-70LED-50 Explosion Proof LED Light

UL Listing: United States

Dimensions: 15.25"H x 10.5"W x 9.25"D

Weight: 30 Lbs

Total Watts: 50 watts

Voltage: Configurable 120V-60hz 220V-50hz 240V-60hz 277V-60hz

LED Lamp Lumens: 7,000

LED Lamp Life Expectancy: 60,000 Hours

Mounting: Aluminum Base Stand

Wiring: 50' SOOW Cord Explosion Proof Straight Blade Plug and inline Explosion Proof Switch

Operating Temp Range: T5 Rated -40°C to 65°C

Color Temp: 6000K

LED Lamp Life Expectancy: 100,000 Hours

Beam Spread: 360° or 180°

Warranty: YES - 3 Years*

Quick Summary

Class I Divisions 1 & 2, Groups C & D

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

UL Certified U.S. Standards

ECP1523 Class 1 explosion proof plug

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-498-3363

E-mail: sales@larsonelectronics.com

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[Part #: EPL-BS-70LED-50 \(147344\)](#)

Options:

EPL-BS-70LED-50- BEAM SPREAD - CORD CAP

Example: EPL-BS-70LED-50-60B-1523

| BEAM SPREAD | | CORD CAP | |
|-------------|-------|----------|------------|
| 60 Degree | -60B | 5-15 | -1523 |
| 125 Degree | -125B | 5-20 | -2023-125V |
| | | 6-20 | -2023-250V |









Links (Click on the below items to view):

- [Manual](#)
- [Hi-Res Image 1 - 70W Portable Explosion Proof LED Light Main](#)
- [Hi-Res Image 2 - 70W Portable Explosion Proof LED Light Front Angle](#)
- [Hi-Res Image 3 - 70W Portable Explosion Proof LED Light Side Angle](#)
- [Hi-Res Image 4 - 70W Portable Explosion Proof LED Light Side Angle 2](#)
- [Hi-Res Image 5 - 70W Portable Explosion Proof LED Light Back Angle](#)
- [Hi-Res Image 6 - 70W Portable Explosion Proof LED Light 3/4 Angle](#)
- [Hi-Res Image 7 - 70W Portable Explosion Proof LED Light 3/4 Angle 2](#)
- [Hi-Res Image 8- 70W Portable Explosion Proof LED Light Switch Close Up](#)
- [Hi-Res Image 9- 70W Portable Explosion Proof LED Light Front Angle 2](#)
- [Hi-Res Image 10- 70W Portable Explosion Proof LED Light Switch Light On](#)