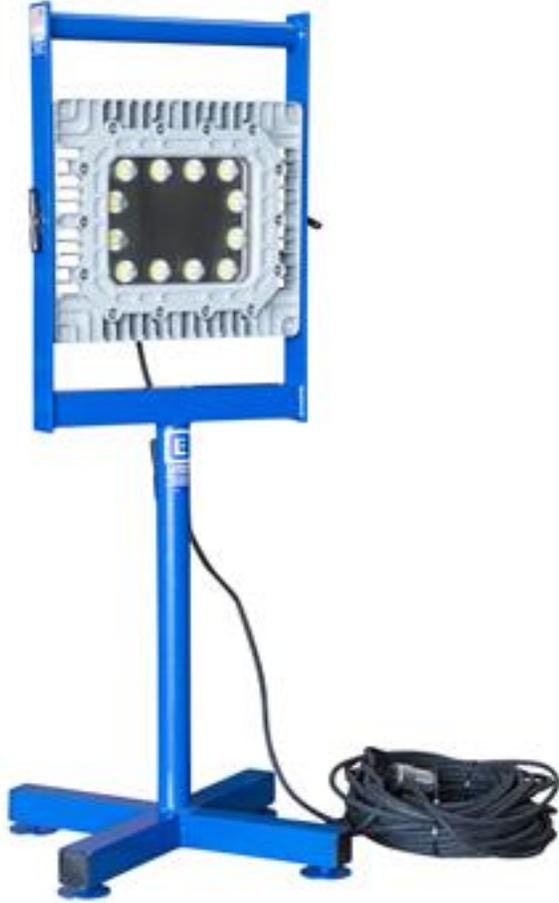


Explosion Proof Light - Base Stand Mount - 16 Inch - 150 Watt LED - Class I Div 1 C&D

Part #: EPL-16BS-1X150LED-100



Made in Texas

The EPL-16BS-1X150LED-100 Explosion Proof LED Light from Larson Electronics is rated Class I Division 1-2 Groups C & D and Class II Division 1-2 and uses a 16 inch Cree LED light head to produce 17,500 lumens of light while drawing only 150 watts.

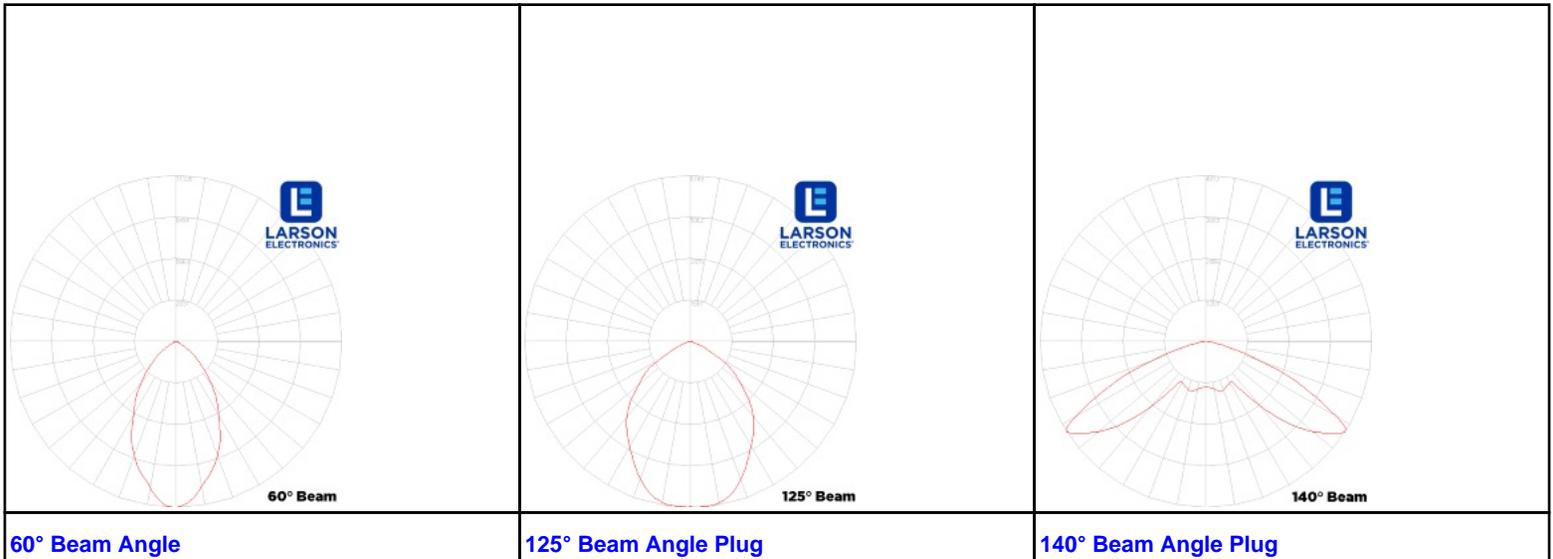
The EPL-16BS-1X150LED-100 explosion proof LED light provides 10,000 square feet of work area coverage with 17,500 lumens of light output. This portable LED light is mounted to a four leg aluminum base and has an LED light head measuring 16 inches wide by 14 inches tall. The LED light head on this unit 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. Often referred to as simply a "tank light," this unit is considered universal due to its ability to be passed through any conventional manhole such as those found in petrochemical containers and ship storage tanks.

[Click Photo to Enlarge](#)[Click Photo to Enlarge](#)[Click Photo to Enlarge](#)

This explosion proof LED light fixture is comprised of a 16 inch LED light head mounted atop a base stand fabricated from non sparking aluminum. Transferring the unit through manholes consists of simply removing the light head from the base, passing the light head and base through the manhole separately, and then reassembling the unit once inside. 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. Included with this LED light cart is 100 feet of SOOW cord, which combined with the 360° of rotation and 90° of tilt offered by the LED light head provides an effective alternative to often cumbersome explosion proof string lights.

The explosion proof LED light head in this unit features multiple LED drivers which helps to increase the operational life of the fixture. With traditional LED lights, in the event an LED array or driver fails, the entire fixture no longer illuminates. This new series of LED lamps contains twelve individual LED boards configured in a series of banks. Each bank contains two LED boards with an individual driver. In the event of a driver failure, only one bank of LEDs will be effected while the other banks will continue to operate. In the event that of an LED failure, the mating LED will continue to operate.

[Click Photos to Enlarge](#)



Beam Angles: When used as a portable lighting solution, the varying beam angles are each individually ideal for several environments. The 60° beam provides the most intense beam of the three options. It is perfect for narrow, confined spaces and is ideally suited for tank cleaning purposes. It offers focused light to provide ample illumination to tight work spaces and other environments. The 125° beam offers a more diffused source of light that is also less intense in brightness. It is a great general area work light and performs well when used for outdoor illumination. The 140° beam offers a very wide lighting pattern and is ideal for situations where lighting distance is not a concern, but illumination of a wider area and even light distribution is. The 140° beam is great for situations that call for working in close proximity to lights such as in a paint booth.



[Click Photo to Enlarge](#)

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. 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 applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

Safety within the workplace is another benefit of LED work lights and temporary lighting. All light sources produce heat. With traditional work lamps, such as incandescent and halogen light sources, the lamp reaches high surface temperatures. These surface temperatures introduce a burn risk to anyone that allows prolonged skin contact with the light source, as well as a fire hazard if a flammable material is accidentally set too close to the light source for an extended period of time. While LED fixtures do still produce heat, they are designed with heat sinks to properly disperse the heat. Each LED bulb is engineered to disperse and expel this heat quickly and efficiently, keeping the lamp cooler than traditional light sources. This explosion proof LED work light operates at a lower surface temperature than a comparable model with

traditional light source, and thus does not present a significant burn risk if an operator or bystander accidentally brushed up against an exposed lamp, and reduce the fire hazard should they fixture accidentally come in contact with a flammable material for a short period of time. This significantly increases the safety within the work environment.

[Click Photos to Enlarge](#)



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

This explosion proof flood light is equipped with 100 foot of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an explosion proof cord cap for easy connection to common wall outlets. Plug options include 5-15P 15 amp straight blade plug for 110-125V explosion proof outlets, explosion proof 5-20P 20 amp straight blade plug for 110-125V explosion proof outlets, or explosion proof 6-20P 20 amp straight blade plug for 220-250V explosion proof outlets.

This tank light is universal voltage and is 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 80% of its lumen output after 60,000 hours of use, far longer than incandescent or fluorescent lamps.

Made in USA Quality

1. Approved Class I Div1-2 Class II Div I-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. Adjustable LED light head.
7. 25 peel off mylar overspray lamp protectors ship with the unit.
8. 17,500 Lumens produced from only 150 watts.
9. Mercury free shock proof LED lamp light head.

Superior LED Benefits

1. 60,000+ 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-16BS-1X150LED-100 Explosion Proof LED Light****Listing:** United States & Canada**Lamp Type:** Cree LED**Dimensions:** 14" x 16" Light head**Weight:** 30 Lbs.**Voltage:** Universal Voltage 120-277V AC 50/60Hz**Total Watts:** 150 watts**Total Lumens:** 17,500**Luminous Efficacy:** 116.67 Lm/W**LED Lamp Life Expectancy:** 60,000 Hours**Color Temp:** 5000K, 4000K, 3000K**Color Rendering Index:** >75 CRI**Beam Lux:** 8500@ 1 Meter 1250@ 3 Meters**Beam Angle:** 60° or 125°**Lighting Configuration:** Flood Pattern**Ambient Operating Temp Range:**-40°C to 65°C**Operating Temp Range:** T5 Rated**Mounting:** Aluminum Base Stand**Wiring:** 100' SOOW Cord Explosion Proof Straight Blade Plug**Cord Cap:** 5-15 Straight Blade Plug, 5-20 Straight Blade Plug,
6-20 Straight Blade Plug**Warranty:**Yes - 5 Years* - 10 Year / 100,000 Lumen Available**

*5 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. [Please click here to see our 5 Year Warranty pamphlet.](#)

**10 year / 100,000 hour warranty available for this product. For more information, please [click here](#)

Scroll Down to Purchase

Part #: EPL-16BS-1X150LED-100 (69939)

Ratings/Approval

Class I Division 1, Groups C and D

Class I Division 2, Group C,D

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

Class III, Divisions 1 & 2

T5 Temperature Rating

Certified to UL844 and C22.2 Standards

Paint Spray Booth Approved

LEL Approved

IP67 Rated Waterproof

Multiple Driver Banks

80% Lumen Retention after 60,000 Hours

Made in the USA

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671**Intl:** 1-903-498-3363**E-mail:** sales@larsonelectronics.com

Options:

EPL-16BS-1X150LED-100- BEAM CONFIG - VOLTAGE - CORD CAP

Example: EPL-16BS-1X150LED-100-60DB-1227-1523

BEAM CONFIG		VOLTAGE		CORD CAP	
60°	-60DB	120-277V AC	-1227	5-15 Straight Blade	-1523
125°	-125DB	11-25V AC/DC	-1224	5-20 Straight Blade	-2023-125V
				6-20 Straight Blade	-2023-250V









Links (Click on the below items to view):

- [SpecSheet Spanish](#)
- [Dimensional Drawing](#)
- [IES](#)
- [STEP](#)
- [Hi-Res Image 1 - Explosion Proof Base Stand Mount \(Main\)](#)
- [Hi-Res Image 2 - Explosion Proof Base Stand Mount \(Front\)](#)
- [Hi-Res Image 3 - Explosion Proof Base Stand Mount \(Adjusted 1\)](#)
- [Hi-Res Image 4 - Explosion Proof Base Stand Mount \(Side\)](#)
- [Hi-Res Image 5 - Explosion Proof Base Stand Mount \(Back\)](#)
- [Hi-Res Image 6 - Explosion Proof Base Stand Mount \(Adjusted 2\)](#)
- [Hi-Res Image 7 - Explosion Proof Base Stand Mount \(Front Angle\)](#)
- [Hi-Res Image 8 - Explosion Proof Base Stand Mount \(Base Stand\)](#)
- [Hi-Res Image 9 - Explosion Proof Base Stand Mount \(T-Handle\)](#)