Larson Electronics LLC
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Phone: 800.369.6671

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Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).

ATEX-EPL-BS-58W-LED-100 Portable LED Light

Lamp Type: LED
Dimensions: 15.25"H x 10.5"W x 9.25"D
Total Watts: 58W
Lumens: 6,000
Voltage: Universal - 100-277V AC, 50/60Hz
Lighting Configuration: Flood Pattern
Mounting: Portable Aluminum Base Stand
Weight: 30 lbs
Wiring: 100` SOOW Cord w/ ATEX Rated Cord Cap
Cord Cap: 2P3W ATEX Rated Pin & Sleeve Cord Cap
Temp Rating: T5 -40°C to +45°C
Color Temp: 5000K, >70-CRI.

Lamp Life: 100,000+ Hours

Beam Spread: 180° or 360°

Power Factor: >90%

Ratings

Ex II 2GD Ex d IIC T4 Gb
Ex II 2GD Ex d IIC T5 Gb
Ex t IIIC T135°C Db IP 6X
Ex t IIIC T100°C Db IP 6X
ATEX Zones 1, 21
ATEX Zones 2, 22
IP66

Special Orders- Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

The ATEX-EPL-BS-58W-LED-100 from Larson Electronics is a Portable LED Light 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. The ATEX-EPL-BS-58W-LED-100 also features a portable aluminum base stand for convenient operation in the work area.
This Zone 1 and Zone 2 explosion proof light fixture provides 6,000 lumens of high quality light while drawing only 58 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.
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

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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 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 5000K and a color rendering index of 70, which means this lamp render colors and details much more accurately than high pressure sodium or mercury vapor luminaries.

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: This explosion proof LED light fixture is 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 100 feet of SOOW cord terminating in an HLP-EX-16A-2P3W ATEX rated pin and sleeve cord cap that is available in either 100-130V AC or 200-250V AC voltage ratings. Make selection below when ordering.

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.

High Quality Features

1. Low power consumption.
2. Instant on/off operation.
3. Fixture constructed of extruded corrosion resistant copper free aluminum alloy.
4. Superior color rendering compared to HPS, LPS, MV.
5. Retains 70% lumen output after 100,000 operating hours.
6. Powder coated aluminum fixture body.
7. Portable aluminum base stand powder coated with a gloss blue finish.
8. Low profile - Light weight
9. 6,000 Lumen output from only 58 watts

Superior LED Benefits

1. 100,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LEED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off - No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.
13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.

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Frequently Asked Questions (FAQ)

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Options:

-Voltage Rating

Example: -125V

Voltage Rating	
100-130V	-125V
200-250V	-250V

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Links (Click on the below items to view):

- ISO 9001 Certification

- Business Certificate