Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

HBLP-1MLED-B-PT

150 Watt Explosion Proof Pole Top Mount LED Light Fixture - C1D1 Group B Hydrogen - 10,000 Lumens

Product ID: 144699

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.

HBLP-1MLED-B-PT Slip Fitter Pole Top Mount

Lamp Type: LED
Dimensions: 16" diameter
Total Watts: 150W
Lumens: 10,000
Voltage: Multi- 100-277 VAC, 50/60Hz
Mounting: Pole Top Mount - 2", 2-1/4", 2-1/2", 2-3/4", or 3" Yoke Diameter
Wiring Hub: 3/4" NPT or 5/16"-18 x .75" NPT Thread
Weight: 35 lbs
Lighting Configuration: Flood Pattern
Temp Rating: T5 -40C to +65C
Color Temp: 4000K 6000K, 70-CRI.
Lamp Life:60,000+ Hours
Warranty: 5 Years

ETL Ratings

T5 Temperature Rating
Class 1 Division 1&2 Groups B, C and D
Class 2 Division 1&2 Groups E,F,G
Class 3 Division 1&2
CSA Certified to C22.2 No.137-M81
cETL Certified to UL844 and C22.2 Standards
C1D1 & C2D1 Hydrogen Group B
IP67

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

The Larson Electronics HBLP-1MLED-B-PT Explosion Proof pole top slip fitter mounted light fixture 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.

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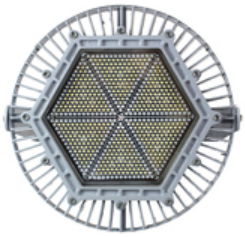
This Class 1 Division 1 & 2, Class 2 Division 1 & 2 Group B (hydrogen) explosion proof pole top light fixture provides 10,000 lumens of high quality light while drawing only 150 watts. The copper free aluminum alloy body is powder coated for added durability and an attractive aesthetic appearance. Special heat dissipating design in conjunction with LED technology helps this fixture to achieve an excellent 60,000 hour rated lifespan with 80% 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.



Click Photo to Enlarge



Click Photo to Enlarge



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.
This light is multi-voltage capable and can be operated with 100-277 VAC, 50/60Hz without any need for a special ballast. The aluminum body and LED lamp give 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 luminaries. The LED lamp produces 10,000 lumens with a color temperature of 4000K or 6000K and a color rendering index of 70 which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries. The HBLP-1MLED-B-PT can be trunnion mounted by bringing down a conduit to the light fixture. We also offer the HBLP-1MLED-B-SFC, the surface mounted version of this product.

Mounting Option Notes:

The HBLP-1MLED-B-PT pole top slip fit mount explosion proof light features an adjustable swivel bracket constructed of 3/8" aluminum that allows over 270° of adjustment and is attached to a slip fit yoke for easy installation. The slip fit yoke is built to customer`s specs, enabling operators to mount this explosion proof LED light to their specific pole size. For example, selecting a 2" OD mount means that the yoke mount will fit onto pipes or bull horns with a 2" OD.

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, MH.
5. Retains 80% lumen output after 60,000 operating hours.
6. Powder coated aluminum fixture body.
7. Adjustable trunnion mount w/ flying leads
8. Low profile - Light weight
9. 10,000 Lumen output from only 150 watts.

Superior LED Benefits

1. 60,000 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 LED 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)




HBLP-1MLED-PT-2.5IN
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HBLP-1MLED-B-PT

Product ID: 144699

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

HBLP-1MLED-B-PT-Color Temp-Mount

Example: HBLP-1MLED-B-PT-6K-2in

Color Temp	
6000K	-6K
4000K	-4K

Mount	
2	-2in
2 1/4	-2.25in
2 1/2	-2.5in
2 3/4	-2.75in
3	-3in

Links (Click on the below items to view):

- **IES (Photometric File)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**