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-SFC

150 Watt High Bay Explosion Proof LED Light Fixture - Surface Mounted - Class 1 Division 1

Product ID: 71553

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-SFC High Bay

Lamp Type: LED
Dimensions: 16" diameter
Total Watts: 150W
Lumens: 10,000
Voltage: Multi- 100-277 VAC, 50/60Hz
Surface Mounting: : 1 trunnion u-bracket
Wiring Hub: 3/4" NPT or 5/16"-18 x .75" NPT Thread
Weight: 28lbs
Lighting Configuration: Flood Pattern
Temp Rating: T5 -40C to +65C
Color Temp: 6000K, 70-CRI.
Lamp Life: 60,000+ Hours

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

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

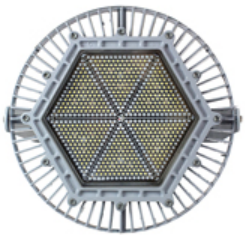
E-mail: sales@larsonelectronics.com

The Larson Electronics HBLP-1MLED-B-SFC Explosion Proof High Bay surface 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.
This Class 1 Division 1 & 2, Class 2 Division 1 & 2 Group B (hydrogen) explosion proof

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

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 12,000 or 10,000 lumens with a color temperature of 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-SFC can be surface mounted via 1 trunnion u-bracket. We also offer the HBLP-1MLED-B-PND, a pendant mounted version of the same product.

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. Multiple Mounting Options Including Pendant, Wall, Ceiling, Cable Mounting and Swivel Bracket.
8. Low profile - Light weight
9. 10,000 Lumen output from only 150 watts

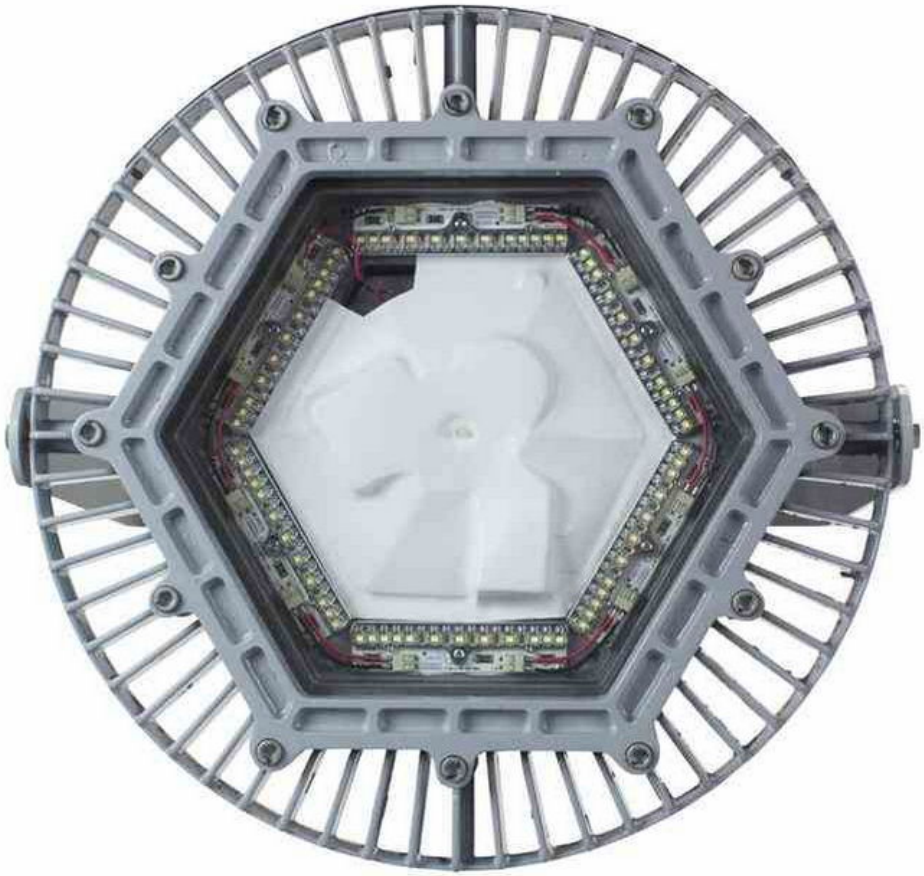
Superior LED Benefits

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.

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

Frequently Asked Questions (FAQ)









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-SFC

Product ID: 71553

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

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