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-480V-PND

Explosion Proof 172 Watt High Bay LED Light Fixture - 347-480V - 14,500 Lumens - Class 1 Division 1

Product ID: 71399

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-480V-PND High Bay

Lamp Type: LED
Dimensions: 16" diameter
Total Watts: 172W
Lumens: 14,500
Voltage: Multi- 347-480 VAC, 50/60Hz
Mounting: 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

Mounting: Pendant

Wiring: 1/2" threaded NPT

Ratings

T5 Temperature Rating
Class 1 Division 1&2 Groups 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

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-480V-PND High Bay 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 explosion proof light fixture provides 14,500 lumens of high quality light while drawing only 172 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 347-480V 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 14,500 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 can be pendant mounted by bringing a ridgid conduit down to the fixture.

Mounting Option Notes:

Pendant mounting option requires conduit be supplied by the installer.

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. 14,500 Lumen output from only 172 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-480V-PND

Product ID: 71399

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

Options:

HBLP-1MLED-480V-PND-Option 1

Example: HBLP-1MLED-480V-PND-PND

Option 1	
PENDANT	-PND
SURFACE	-SFC

Links (Click on the below items to view):

- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map