

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

Part #: HBLP-1MLED-480V-PND



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.



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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 rigid 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.

Specifications / Additional Information

HBLP-1MLED-ND 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- Requirements

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Intl: 1-903-498-3363

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Links (Click on the below items to view):

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