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HAL-HB-144W-LED-PND

144 Watt High Bay LED Light Fixture - Class 1 & 2 Division 2 - 18,000 Lumens - C1D2 - C2D1

Product ID: 71164

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.

HAL-HB-144W-LED-PND Class 1 Div 2 High Bay

Lamp Type: LED
Dimensions: 16" diameter
Total Watts: 144W
Lumens: 18,000
Efficiency: ~105 lumens per watt
Voltage: Multi- 100-277 VAC, 50/60Hz
Mounting: Pendant
Wiring Hub: 3/4" NPT or 5/16"-18 x .75" NPT Thread
Weight: 30 lbs
Lighting Configuration: Flood Pattern
Temp Rating: T5 -40°C to +60°C
Color Temp: 5000K, >75-CRI.
Lamp Life: 60,000+ Hours

Ratings

T5 Temperature Rating
Class 1 Division 2 Groups A, B, C, D
Class 2 Divisions 1 & 2 Groups E, F, G
Class 3 Division 1&2
Group B for Hydrogen
CSA Certified to C22.2 No.137-M81
cETL Certified to UL844 & UL1598/A
NEMA 4X - IP66

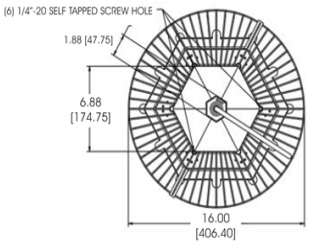
Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The HAL-HB-144W-LED-PND High Bay pendant 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 hazardous location light fixture provides 18,000 lumens of high quality light while drawing only 144 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. Class 1 & 2 Division 2 listed, this hazardous area LED fixture is approved for use in areas where combustible fumes or dusts may exist.



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 18,000 lumens with a color temperature of 5,000K and a color rendering index of >75 which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries. The HAL-HB-144W-LED-PND can be pendant mounted by bringing down a rigid conduit to the light fixture. We also offer the HAL-HB-144W-LED-SFC, the surface mounted version of the same product.

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. 18,000 Lumen output from only 144 watts

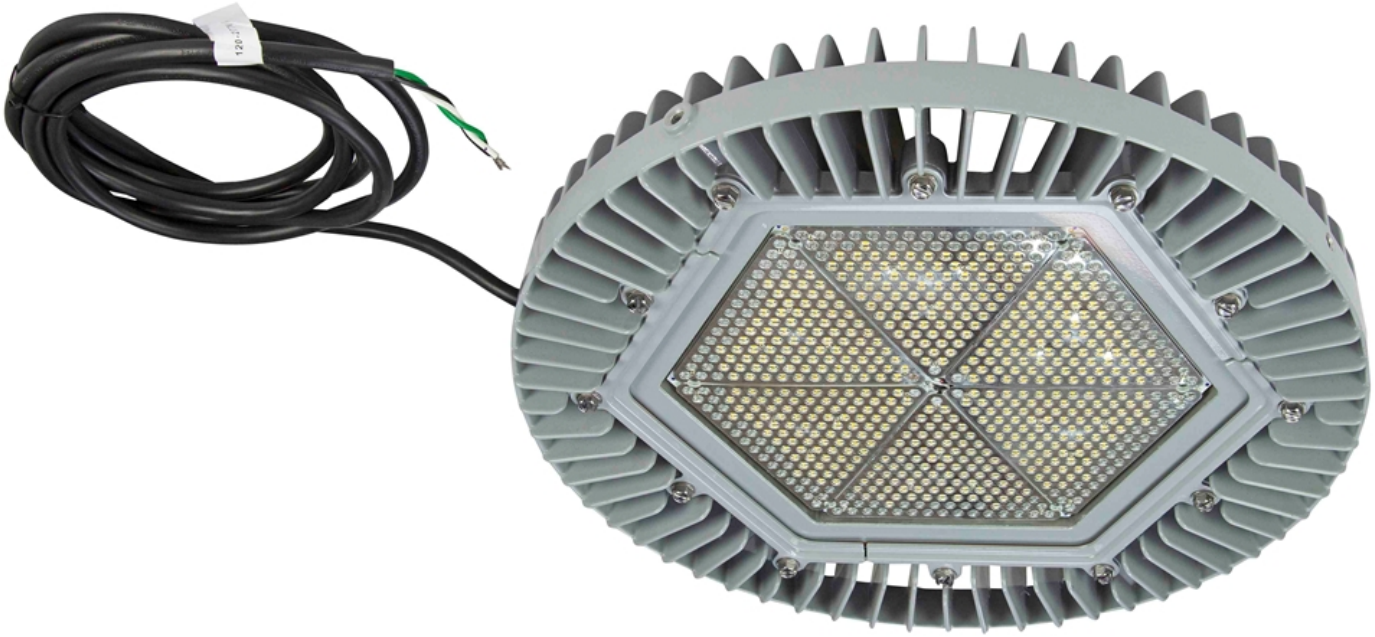
Superior LED Benefits

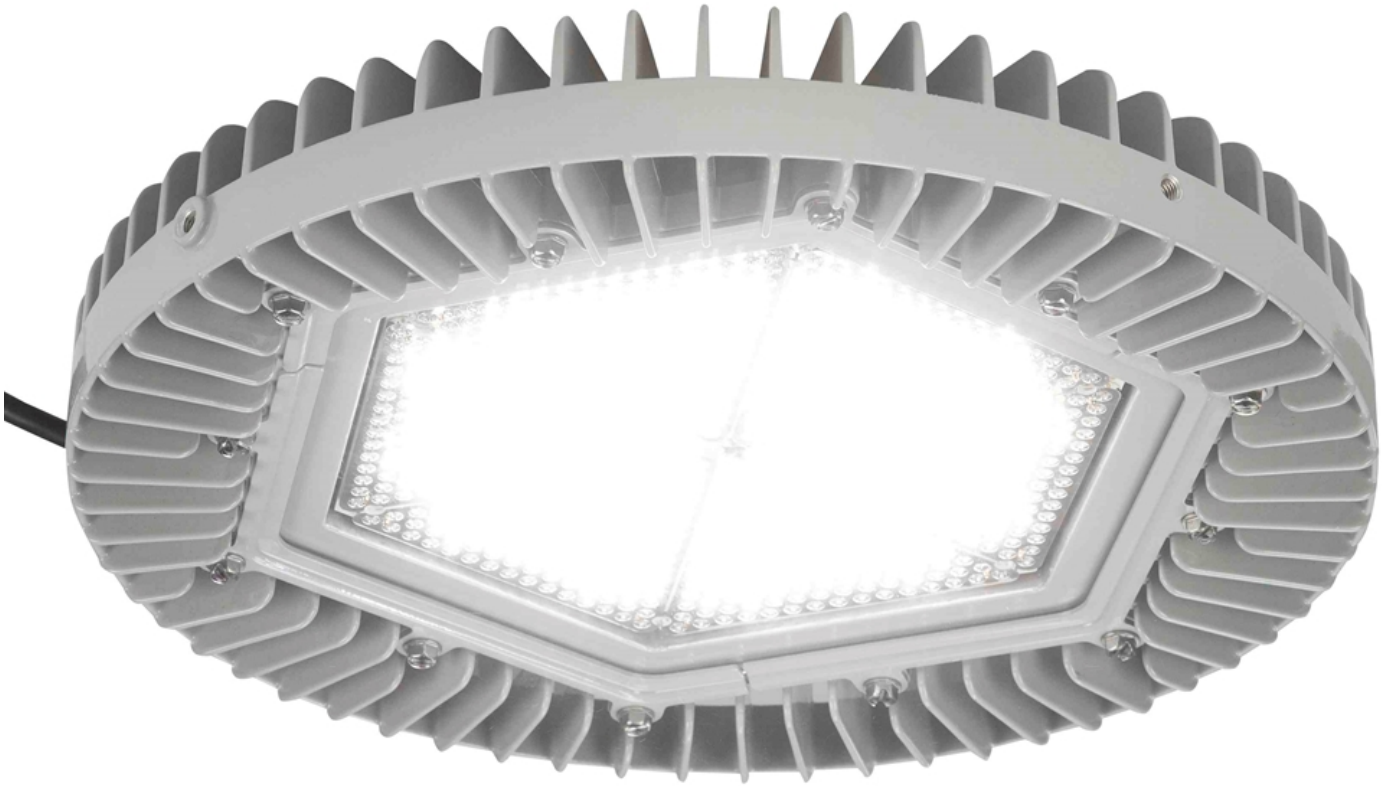
1. 60,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No 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.

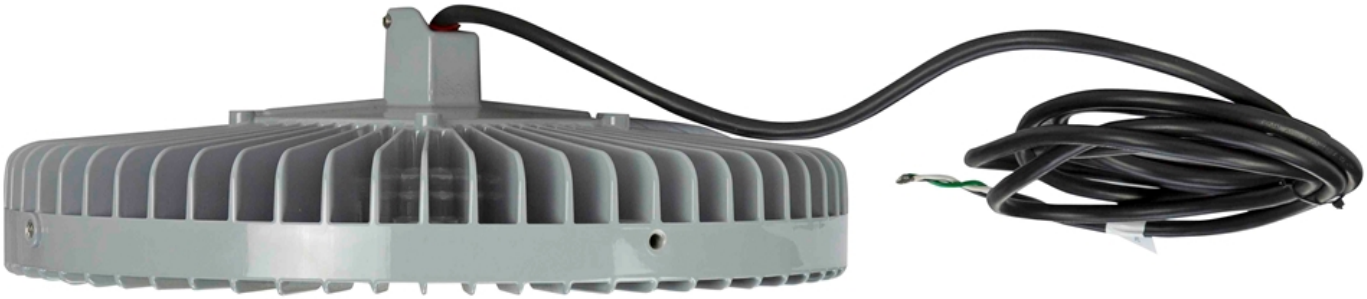
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Frequently Asked Questions (FAQ)









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

Links (Click on the below items to view):

- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**