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-REMG-1MLED-B-PND

150W Explosion Proof High Bay LED Emergency Light Fixture - Remote Battery Enclosure - C1D1 Group B

Product ID: 144100

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-REMG-1MLED-B-PND High Bay Emergency LED Light Fixture

Lamp Type: LED
Dimensions: 16" diameter
Battery Dimensions: 24" L x 16" W x 10" D
Total Watts: 150W
Lumens: 10,000
Voltage: 120/277V AC 60Hz
Mounting: Pendant
Wiring Hub: 3/4" NPT or 5/16"-18 x .75" NPT Thread
Light Fixture Weight: 28 lbs
Lighting Configuration: Flood Pattern
Temp Rating: T5 -40°C to +65°C
Color Temp: 4000K, 6000K, 70-CRI.
Lamp Life: 60,000+ Hours
Battery AC Input Voltage: 120V AC, 60Hz
Battery AC Input Power Rating: 70W
Battery Output Current: 120/277V AC, 60Hz
Illumination Time: 90+ Minutes
Battery Type: Sealed Lead Calcium
Battery Lifetime: 5-7 Years
Battery Recharge Time: 72 Hours
Ambient Battery Operation Temperature: 20°C to 30°C
Battery Weight: 355 lbs

Ratings/Approvals

T5 Temperature Rating
Class I Division 1 & 2 Groups B, C and D
Class II Division 1 & 2 Groups E, F, G
Class III 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
Failsafe Lighting
Emergency Battery Backup
Explosion Proof Battery Enclosure
90+ Minute Emergency Runtime
72 Hour Battery Recharge Time
Made in the USA

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

Made in Texas

The Larson Electronics HBLP-REMG-1MLED-B-PND LED Explosion Proof High Bay pendant mounted emergency light fixture with remote emergency battery backup 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 LED emergency light fixture features an emergency backup battery with an explosion proof enclosure. The battery can be mounted up to 1000` away from the light fixture itself. With a reliable battery, bright LED light, and explosion proof rating, the HBLP-REMG-1MLED-B-PND provides operators with a versatile and reliable lighting solution.

This Class I Division 1 & 2, Class II Division 1 & 2 Group B (hydrogen) and Class III Division 1 & 2 explosion proof emergency LED 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. The included backup battery with explosion proof enclosure increases this LED emergency light fixture`s versatility and the overall safety within a hazardous work environment.



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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 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-REMG-1MLED-B-PND can be pendant 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.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. 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 is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Emergency Battery Backup: The remote mounted battery backup system included with the HBLP-REMG-1MLED-B-PND is a sealed lead calcium battery with a built-in charger and circuitry held within an explosion proof case. The battery can then be

mounted up to 1000` away from the actual light fixture. In the event of a power outage, the battery will automatically kick in and provide emergency power to the light fixture for a minimum of 90 minutes. The battery provides power to the input side of the fixture, including emergency ballast, and allows the connected fixtures to be turned on/off without affecting operation. Once normal power is restored, the built-in charge will automatically begin recharging the battery which will be complete after 72 hours. The emergency backup enclosure has two 3/4" hubs for connecting power to the enclosure and for connecting the remote emergency backup to the light fixture.
Mounting Option Notes: Pendant mounting option requires conduit be supplied by the installer.
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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
10. Emergency battery backup with Group B explosion proof enclosure.

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-REMG-1MLED-B-PND
Product ID: 144100

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

Options:
HBLP-REMG-1MLED-B-PND-Color Temp
Example: HBLP-REMG-1MLED-B-PND-6K

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

Links (Click on the below items to view):

- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**