

HBLP-1MLED-B-SWAM

150 Watt Explosion Proof Group B Hydrogen LED Light Fixture - Stainless Steel Swing Arm - 10K Lumens

Product ID: 104857

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-SWAM Swing Arm 150W LED

Lamp Type: LED

Dimensions: Light Head: 16" Diameter, 5" Thickness

Total Watts: 150W

Lumens: 10,000

Voltage: Multi- 100-277 VAC, 50/60Hz

Lighting Configuration: Flood Pattern

Mounting: 60" Stainless Steel Swing Arm with Swivel Bracket

Weight: 50lbs

Termination: 20 foot SOOW cord with flying leads

Temp Rating: T5 -40C to +65C

Color Temp: 6000K, 70-CRI.

Lamp Life: 60,000+ Hours

Ratings

T5 Temperature Rating

Class 1 Division 1&2 Groups B, C, 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

Group B Approved for Hydrogen

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics HBLP-1MLED-B-SWAM light fixture provides operators with a powerful and energy efficient alternative to traditional hazardous location luminaries. LED technology and the swing arm design makes this lamp an excellent replacement upgrade option for less durable

and efficient halogen or HID loading bay and dock lights. This unit is Class 1, Division 1, Group B rated and approved for use in environments where hydrogen exists or stands the potential to exist under normal operating conditions.

****Please note free shipping offers do not apply to swing arm mount fixtures.****

This Class 1 Division 1 & 2, Class 2 Division 1 & 2 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.

A five foot swing arm constructed of 316 stainless steel provides adjustable mounting for this 150 Watt Explosion Proof LED fixture and allows users to position the light as needed during operations. This swing arm is ideal also for mounting the unit to loading door areas and docks for use as a loading bay or dock light.



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Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. 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 applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

This light is universal 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 6000K and a color rendering index of 70 which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries.

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, MV.
5. Retains 80% lumen output after 60,000 operating hours.
6. Powder coated aluminum fixture body.
7. 5 foot stainless steel swing arm mount
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.

- 10. Group B Rated for Hydrogen Environments
 - 8. Qualifies buildings for LEED 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.

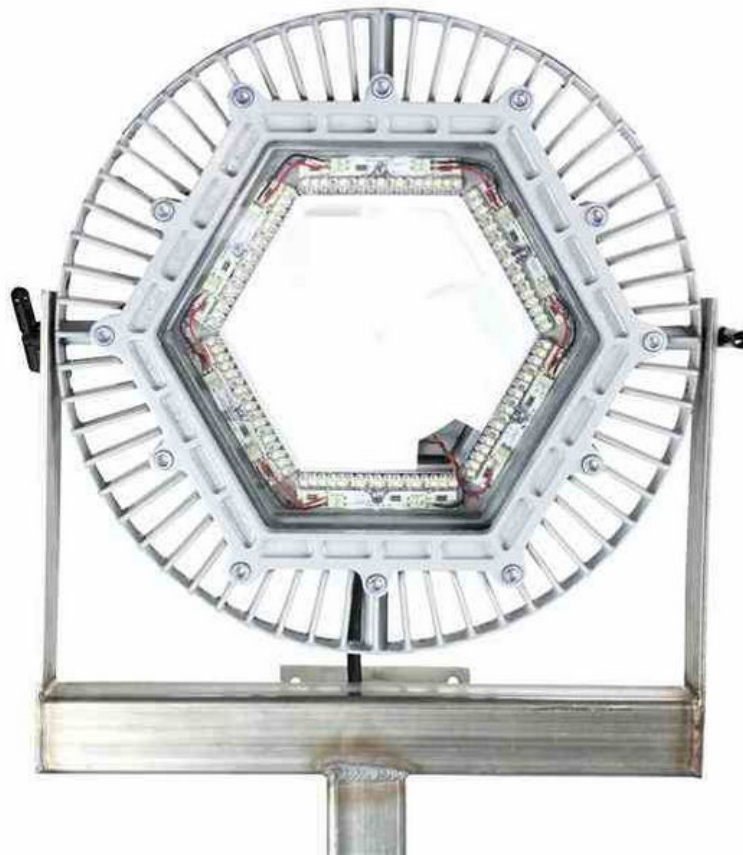


Frequently Asked Questions (FAQ)









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Product ID: 104857

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](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)