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EPSLED-HBNM-10-C

Explosion Proof 10W LED Strobe Light - 1050 Lumens - Color Options - C1D1&2 Groups A,B,C,D & C2D1&2

Product ID: 145887

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.

Specifications / Additional Information

EPSLED-HBNM-10-C Explosion Proof LED Strobe Light

Lamp Type: Strobing LED

Dimensions: Ceiling- 8.86" Dia x 13.63 " H Pendant- 8.86" Dia x 13.75" H Wall- 13" L x 15.63" H

Weight: 45 Lbs

Voltage: 120-277V AC, 12V DC or 24V DC

Total Watts: 10W

Total Lumens: 1,050

LED Lamp Life Expectancy: 50,000+ Hours

Lighting Configuration: Flood Pattern

Ambient Operating Temp Range:-50°C to +85°C

Operating Temp Rating: T3C

Lamp Housing Material: Copper Free Cast Aluminum

Lens Material: Polycarbonate

Dimmable: No

Mounting: Ceiling, Wall, or Pendant

Finish: Baked Epoxy Enamel

Wiring Hub: 3/4" NPT

Quick Summary

Class I, Division 1 & 2, Groups A, B, C, D

Class I, Zones 1 & 2, Groups IIC, IIB, IIA

Class II, Divisions 1 & 2 Groups E, F, G
T3C Temperature Rating
UL 1598 and UL 844 Listed
CSA C22.2 No. 250 and No. 137 Listed
Suitable for Wet Environments

Special Orders - Special Requirements

Contact us for special requirements

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The EPSLED-HBNM-10-C Explosion Proof 10 Watt LED Strobe Light from Larson Electronics is UL and CSA Listed for Class I Division 1 & 2 Groups A, B, C, and D; Class II Division 1 & 2 Groups E, F and G; and Class III. This explosion proof LED strobe light is suitable for wet locations as well. This explosion proof LED fixture comes in a variety of colors that make it useful for warning lights, indicator lights, and any other purpose where a different colored light is needed or required. The color options for the EPSLED-HBNM-10-C are red, blue, green, amber, purple, and white. With a high lumen output of 1050 lumens at only 10 watts, this explosion proof LED light fixture is both efficient and powerful. This LED light fixture is also available in two different voltages; 120-277V AC, 12V DC or 24V DC.
Available in an array of colors, the versatile EPSLED-HBNM-10-C factory sealed explosion proof LED strobe light is listed for use in wet locations and hazardous work areas with vapors, dusts or flyings. A specially formulated two-coat baked epoxy enamel protects the copper free aluminum housing. The high temperature, glass-reinforced phenolic socket in the fixture has a collector ring and pin that automatically make electrical contact as the fixture is threaded on to the mount. The globes are made from heat and impact resistant glass and the prismatic configuration is on the interior of the globe, so the exterior is smooth for cleaning. A special UL listed sintered metal flame arrestor makes this fixture suitable for Class 1 Groups A and B listing.
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.
Suggested Applications: Chemical plants and other areas where ignitable vapors, dust, moisture and corrosive atmospheres are present, warning lights, indicator lights, areas in need of light color variety.
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 70% lumen output after 50,000 operating hours.
6. Powder coated aluminum fixture body.
7. Pendant, Ceiling, or Wall Mountable
8. Low profile - Light weight
9. 1,050 Lumen output from only 10 watts

Superior LED Benefits

1. 50,000 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)











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EPSLED-HBNM-10-C

Product ID: 145887

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPSLED-HBNM-10-C-Mount-Voltage-Color

Example: EPSLED-HBNM-10-C-PND-1227-RED

Mount	
PENDANT	-PND
CEILING	-CLG
WALL	-WLM

Voltage	
120-277V AC	-1227
12V DC	-12VDC
24V DC	-24VDC

Color	
RED	-RED
BLUE	-BLU
GREEN	-GRN
AMBER	-AMB
PURPLE	-PUR
WHITE	-WHT

Links (Click on the below items to view):

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