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EPSLED-HBNM-10

Explosion Proof 10 Watt LED Strobe Light - Class 1 Div 1&2 Groups A,B,C and D and Class 2 Div 1&2

Product ID: 105947

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.

EPSLED-HBNM-10 Explosion Proof LED Strobe Light - Groups A & B

Lamp Type: LED
Pendant Dimensions: 8-7/8"-Dia x 13-3/4"-H
Ceiling Dimensions: 8-7/8"-Dia x 13-5/8 "-H
Wall Dimensions: 13"-L x 15-5/8 "-H
Voltage: 120~277V AC, 12V DC or 24V DC
Watts: 10
Lumens: 1050
Lighting Configuration: Strobe
Lamp Color: Red, Amber, Blue, Green, White, or Purple
Mounting: Pendant, Ceiling, or Wall
Material: Non-Sparking Aluminum
Finish: Epoxy Powder Coated
Wiring: 3/4 inch Threaded Hub

Certifications

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 Explosion Proof 10 Watt LED Strobe Light from Larson Electronics is UL and CSA Listed for Class 1, Division 1 & 2 Groups A, B, C, and D; Class 2 Division 1 & 2 Groups E, F and G; and Class III. This explosion proof LED light is suitable for wet locations,

offered in multiple mount configurations, and is available with several color and voltage options.

The versatile EPSLED-HBNM-10 factory sealed explosion proof LED strobe light from Larson Electronics 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.

The 10 watt LED lamp in this unit offers exceptional power and a 50,000+ hour life span and is energized by leads which pass through sealing compound that separates the lamp chamber from the wiring compartment. The LED lamp assembly is protected by an impact and heat resistant clear prismatic globe with heavy gauge aluminum reflector that affords excellent light control. The LED lamp in this strobe light offers a 50,000+ hour lifespan and 1050 lumen light output. Lamp color options include red, amber, green, white, and purple. Please specify lamp color when ordering.

The drivers in this explosion proof strobe light provide the ability to automatically monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. This unit is universal voltage, operating on 120-277V AC, 12V DC or 24V DC (depending on voltage configuration) without modifications as a result. This ability to sense and adjust input current also provides protection against voltage spikes and drops that can occur in electrical systems which would otherwise result in burning up or premature LED failure without it.

Suggested applications: chemical plants and other areas where ignitable vapors, dust, moisture and corrosive atmospheres are present.

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Frequently Asked Questions (FAQ)











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EPSLED-HBNM-10

Product ID: 105947

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPSLED-HBNM-10-Mount-Voltage-Lamp Color

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

Mount	
PENDANT	-PND
CEILING	-CLG
WALL	-WLM

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

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

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**