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HAL-13-8W-LED-ILS-M-JB-1227

10W LED Explosion Proof 27" Light Fixture - C1D2 - 120-240VAC - Magnet Mount - 6' SOOW w/ EPP Cord Cap

Product ID: 146958

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-13-8W-LED-ILS-M-JB-1227 Hazardous Location Magnet Mount LED Light

Lamp Type: LED
Dimensions: Lamp 27.38"-L x 2.68"-W x 1.69"-D
Weight: 2.7 lb
Watts: 10
Voltage: 120-240 V AC
Lumens: 1300
Luminous Efficacy: 130 Lm/W
Lamp Life Expectancy: 100,000 Hours
CRI: 75
Wiring: 6' 16/3 SOOW Cable w/ Explosion Proof Cord cap
Cord Cap Options: 5-15P, 5-20P, or 6-20P
Light Color: 6500K
Beam Type: 100° Flood or 30° Spot
Mounting: (2) 200 lb Magnets
Temp Range: -40°C - +85°C

ETL Listed

Class I Division 2 Groups A,B,C,D
NRTL Certified to CSA 22.2 No. 250.0
NRTL Certified to UL 1598
IP54 Ingress Protection
T3 Temperature Rating
Convenient Magnet Mounting
Explosion Proof Inline Switch

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-13-8W-LED-ILS-M-JB-1227 from Larson Electronics is a Low Voltage Hazardous Location Lighting Solution that is approved for Class I Division 2 environments and U.L. 1598 compliant for use in wet locations. This powerful LED strip light produces 1,300 lumens while drawing only 10 watts, operates on 120-240 V AC voltage, and is suitable for a variety of applications. Two 200

lb magnets mounted at the back of this LED strip light that allows for mounting on any flat, magnetic metal surface. The HAL-13-8W-LED-ILS-M-JB-1227 is equipped with an explosion proof inline switch that provides a safe and secure method for operators to interrupt power before connecting and disconnecting this LED light strip in hazardous locations.

The HAL-13-8W-LED-ILS-M-JB-1227 is designed to provide a high output and ruggedly durable lighting solution for applications where Class I Division 2 compliance is required. This low voltage hazardous area light can be operated with 120-240 V current and is equipped with 6` of 16/3 SOOW cable that is terminated in a choice of explosion proof cord caps. This light is constructed of powder coated extruded aluminum for excellent strength and durability and is rated IP54 for protection against exposure to water spray and limited dust ingress. These units are configured in a 27" long strip or "bar" profile for installation in locations where wide dispersal and a low profile is preferred. The high output, cool running operation, and good color rendering properties of this light make it an ideal replacement for older, bulkier, and less reliable incandescent and halogen light fixtures.

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.

Durability/Mounting: The HAL-13-8W-LED-ILS-M-JB-1227 hazardous location LED light is constructed of extruded aluminum with a tough powder coat finish for high strength and durability. The housing is IP54 rated, providing limited ingress protection against dusts, and protection against light water spray such as rain. This design is weather resistant, suitable for indoor or outdoor applications, and ideal for areas where wetness or dusty conditions are commonly encountered. A pair of 200 lb magnets mounted to the back of the HAL-13-8W-LED-ILS-M-JB-1227 for convenient and reliable mounting on flat magnetic surfaces. The entire assembly weighs 2.7 lb and measures 27.4 inches in length and 2.68 inches wide and 1.69" deep, making it ideal for mounting in areas where space is limited and a low profile fixture more readily installed.

The LEDs in this unit are Cree X-Lamp XR-E units that have been chosen for their high lumen per watt ratio and extreme long life. These Cree LEDs provide over 130 lumens per watt output and have a 70% lumen retention at 50,000 hours, giving them better efficiency and operational life than comparable LEDs. These fixtures are offered with a clear or frosted lens. The frosted lens helps diffuse the light, providing a more even spread. The clear lens will provide no diffusion.

Click Photos to Enlarge



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

Wiring & Plug: This explosion proof LED strip light is equipped with 6 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug options include a 5-15 15 amp straight blade plug for use with 120 V explosion proof outlets, a 5-20 20 amp straight blade plug for use with 120 V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240 V explosion proof outlets. ***PLEASE NOTE** voltage ratings on plugs and outlets are MAXIMUM voltage. For low voltage applications, proper voltage must be applied to the outlet or damage to the light fixture will occur.*

Versatility: The HAL-13-8W-LED-ILS-M-JB-1227 is ETL approved for Class I Division 2 Groups A, B, C & D locations. This unit carries an IP56 waterproof rating ensuring protection against limited ingress from dusts, dirt, oils, and full protection against water sprayed at high pressure directly on the fixture. This light is ideal for indoor or outdoor applications and industrial operations with hazardous location classification where dusty or wet conditions are commonly encountered.

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.

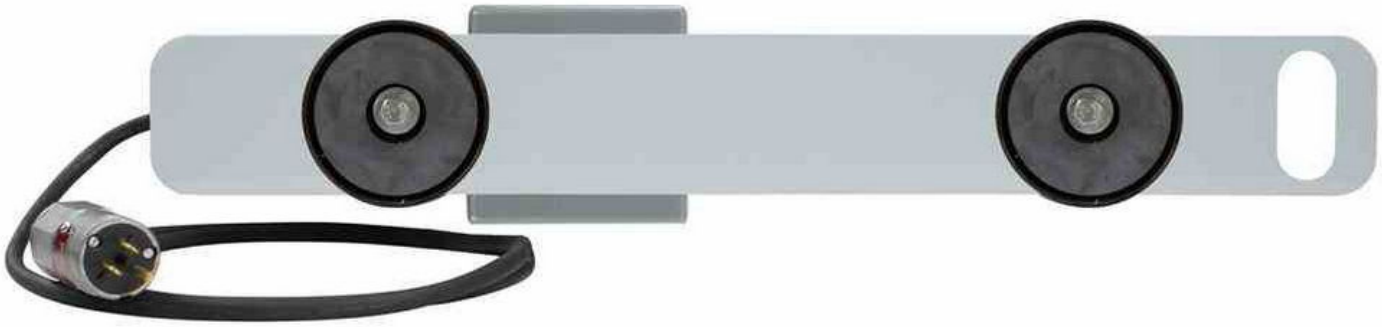
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Frequently Asked Questions (FAQ)

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HAL-13-8W-LED-ILS-M-JB-1227
Product ID: 146958

Warranty: 36 Months

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

Options:
HAL-13-8W-LED-ILS-M-JB-1227-Cord Cap-Beam Config
Example: HAL-13-8W-LED-ILS-M-JB-1227-1523-SP

Cord Cap	
5-15P	-1523
5-20P	-2023.125V
6-20P	-2023.250V

Beam Config	
SPOT	-SP
FLOOD	-FL

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **MSDS (Material Safety Data Sheet**
- **Operations Manual**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**