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HAL-13-8W-LED-JB-1227-BCE

10W LED Fixture for Hazardous Location Lighting - C1D2 - 120-240V - 1,300 lms - Blunt-Cut End

Product ID: 261182

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-JB-1227-BCE Hazardous Location LED Lighting

Listing: NRTL Listed for United States and Canada
Lamp Technology: LED
Dimensions: 13.38"L x 2.68"W x 1.69"D
Weight: 0.7 lb | 0.9 kg
Voltage: 120-240 V AC
Total Watts: 10W
Total Lumens: 1,300 lms
Luminous Efficacy: 130 Lm/W
Lamp Life: 100,000+ Hours
Color Temp: 6500K
Color Rendering Index: 75 CRI
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: -
Lighting Configuration: Spot or Flood Pattern
Power Efficiency: -
Power Factor: -
Amperage: 0.087 A @ 120 V, 0.043 A @ 240 V
Ambient Operating Temp Range: -40°C to +85°C
Housing Material: Extruded Aluminum
Housing Finish: Powder Coated
Lens Material: -
Mounting: Standard Triangle End Brackets

Ratings

Class I, Division 2 Groups A, B, C or D
NRTL Certified to CSA 22.2 No. 250.0
NRTL Certified to UL 1598
IP54 Ingress Protection
T3 Temperature Rating

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364

Wiring: 5' Cord w/ Blunt-cut End

E-mail: sales@larsonelectronics.com

The HAL-13-8W-LED-JB-1227-BCE from Larson Electronics is a Hazardous Location LED Light that is approved for Class I, Division 2 environments and designed for use in wet locations. This powerful 13.38" long LED strip light produces 1,300 lumens while drawing only 10 watts, operates from 120 to 240 V AC, and is suitable for a variety of applications.

The HAL-13-8W-LED-JB-1227-BCE is designed to provide high output and serves as a durable lighting solution for applications where Class I, Division 2 compliance is required. The LEDs in this 10-watt unit are Cree X-Lamp XR-E 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. This hazardous location light can be operated with voltages ranging from 120 V to 240 V and includes 5 feet of connecting leads with standard two-wire configuration.

These units are configured in a 13.38" 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 makes it an ideal replacement for older, bulkier, and less reliable HID 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: The 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 basic protection against splashing water 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.

Wiring: The hazardous location LED light is equipped with 5 feet of cord with a blunt-cut end.

Mounting: Mounting for this unit is provided by two standard adjustable end brackets that allow operators to mount the light to flat surfaces and then adjust the light 170° vertically for the best placement. The entire assembly weighs 0.7 lb and measures 13.38 inches in length, and 2.68 inches wide and 1.69 inches deep, making it ideal for mounting in areas where space is limited and a low profile fixture more readily installed.

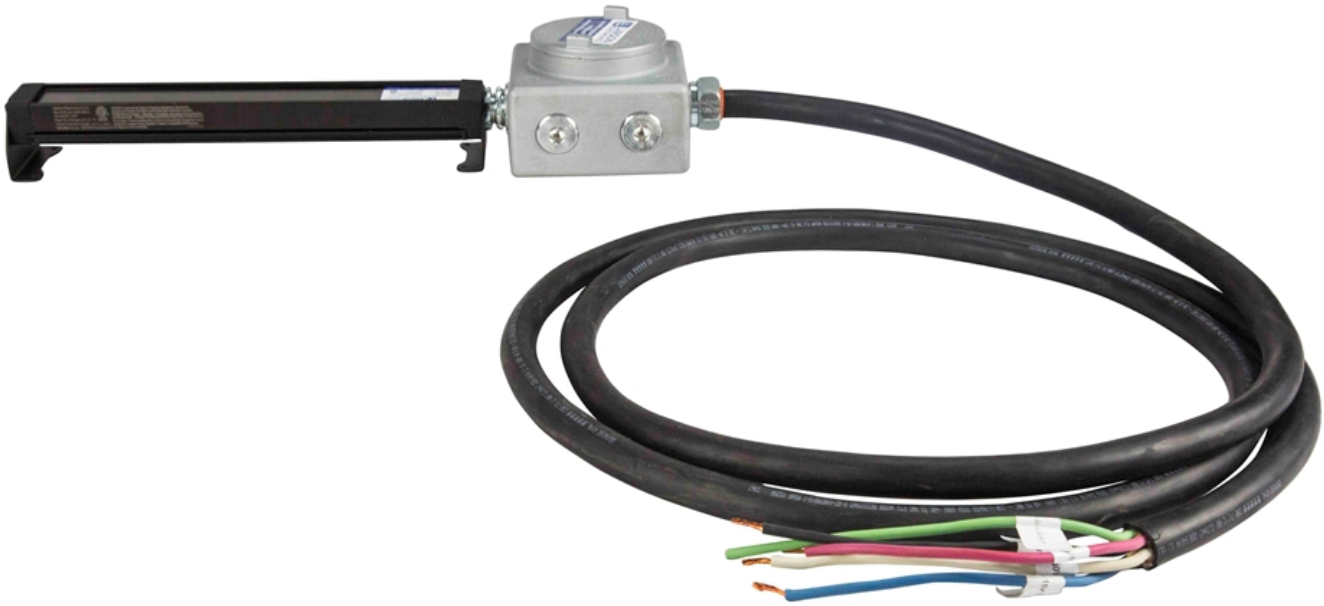
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, 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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MISTER







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HAL-13-8W-LED-JB-1227-BCE

Product ID: 261182

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

Options:

HAL-13-8W-LED-JB-1227-BCE-Beam Config

Example: HAL-13-8W-LED-JB-1227-BCE-SP

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**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**