

HAL-36-IPS-LED-1227-JB

21W C1D2 LED Fixture - 3' Low Profile Light Strip - 120-240V AC/DC High Voltage - No Cord

Product ID: 149862

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: HAL-36-IPS-LED-1227-JB

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-36-IPS-LED-1227-JB Hazardous Location LED Lighting

Listing: United States - Canada

Lamp Type: LED

Dimensions: 36"L x 2.68"W x 1.69"D

Weight: 2.1 lbs | 0.9 k g

Voltage: 120-240V AC

Total Watts: 21W

Total Lumens: 2,625

Luminous Efficacy: 125 Lm/W

Lamp Life: 50,000+ Hours

Color Temp: 5000K

Color Rendering Index: >75 CRI

Beam Angle: 30° Spot or 100° Flood

Lighting Configuration: Spot or Flood Pattern

Power Efficiency: >95%

Power Factor: 0.992

Amperage: 0.18A @ 120V, 0.09 @ 240V, 0.08 @ 277V

Ambient Operating Temp Range: -40°C to +60°C

Operating Temp Rating: T3

Housing Material: Extruded Aluminum

Housing Finish: Powder Coated - Black

Lens Material: Polycarbonate

Ratings

Listed for United States and Canada

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

CSA 22.2 No. 250.0

UL 1598

IP65 Ingress Protection

T3 Temperature Rating

70% Lumen Retention after 50,000 Hours

Factory Sealed Light Fixture

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Mounting: Adjustable Swivel Mount Surface Bracket
Wiring: 3/4" NPT Hub

Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

Buy American Compliant

The HAL-36-IPS-LED-1227-JB from Larson Electronics is a low profile hazardous location lighting solution approved for Class I Division 2 environments and UL 1598 compliant for use in wet locations. This powerful 36" long LED strip light produces 2,625 lumens, operates on 120/240V AC and is suitable for a variety of applications.

The HAL-36-IPS-LED-1227-JB is designed to provide a high output and ruggedly durable lighting solution for applications where Class I Division 2 compliance is required. This low profile hazardous location LED strip light can be operated on 120/240V AC electrical current and includes a 3/4" NPT hub for making connections to power. This light is constructed of powder coated extruded aluminum for excellent strength and durability and is rated IP65 for protection against exposure to low pressure water jets from all directions and sealed against dust penetration.

These units are configured in a 36" long strip or "bar" profile for installation in locations where wide dispersal and a low profile is preferred. Once installed, operators can rotate the light fixture side to side to position the light output as needed. 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 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.

Wiring: The HAL-36-IPS-LED-1227-JB features a 3/4" NPT hub for operators to make connections to power.

Durability: The HAL-36-IPS-LED-1227-JB hazardous area LED light is constructed of extruded aluminum with a tough powder coat finish for high strength and durability. The housing is IP65 rated, providing ingress protection against dusts, and protection against low pressure jets of water from all directions, such as wash-down areas. This design is weatherproof, suitable for indoor or outdoor applications, and ideal for areas where wet, damp, or dusty conditions are commonly encountered.

The LEDs in this linear light are Cree LEDs that have been chosen for their high lumen per

watt ratio and extreme long life. These Cree LEDs provide over 125 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 LED light produces 2,625 lumens with a color temperature of 5000K and a color rendering index of 75 which produces colors and details much more accurately than incandescent, halogen, or fluorescent light fixtures.

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 2.1 lbs and measures 36 inches in length, 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 is more readily installed.

Versatility: The HAL-36-IPS-LED-1227-JB is approved for Class I Division 2 groups A, B, C and D locations. This unit carries an IP65 water resistant rating ensuring protection against ingress from dusts, dirt, and protection against light water jets sprayed 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.



Frequently Asked Questions (FAQ)

There are no Faqs



Image: HAL-36-IPS-LED-1227-JB

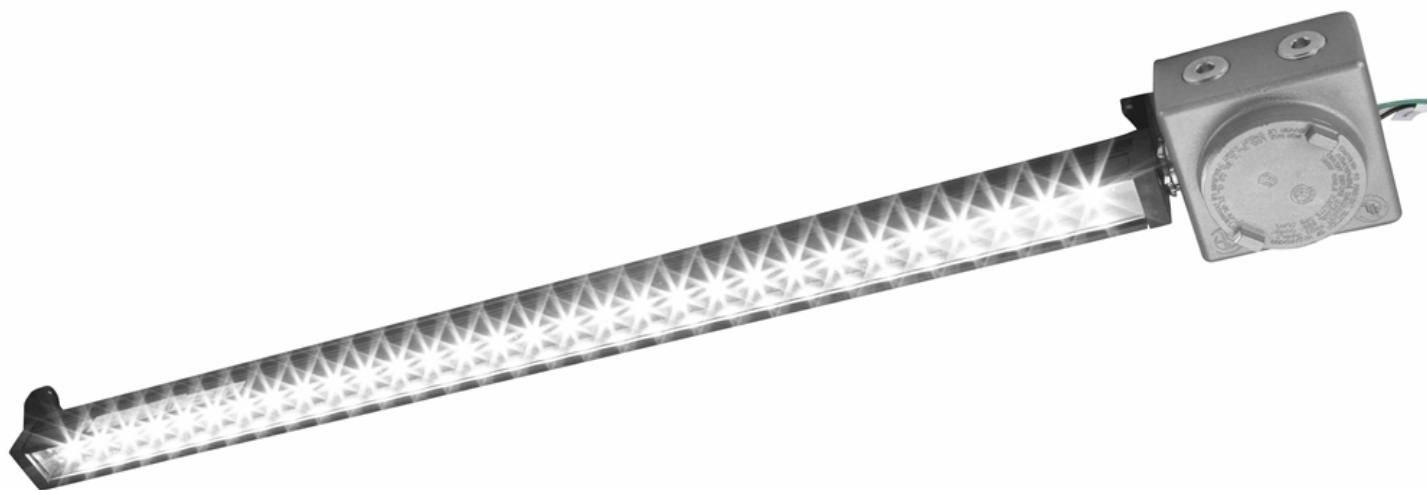


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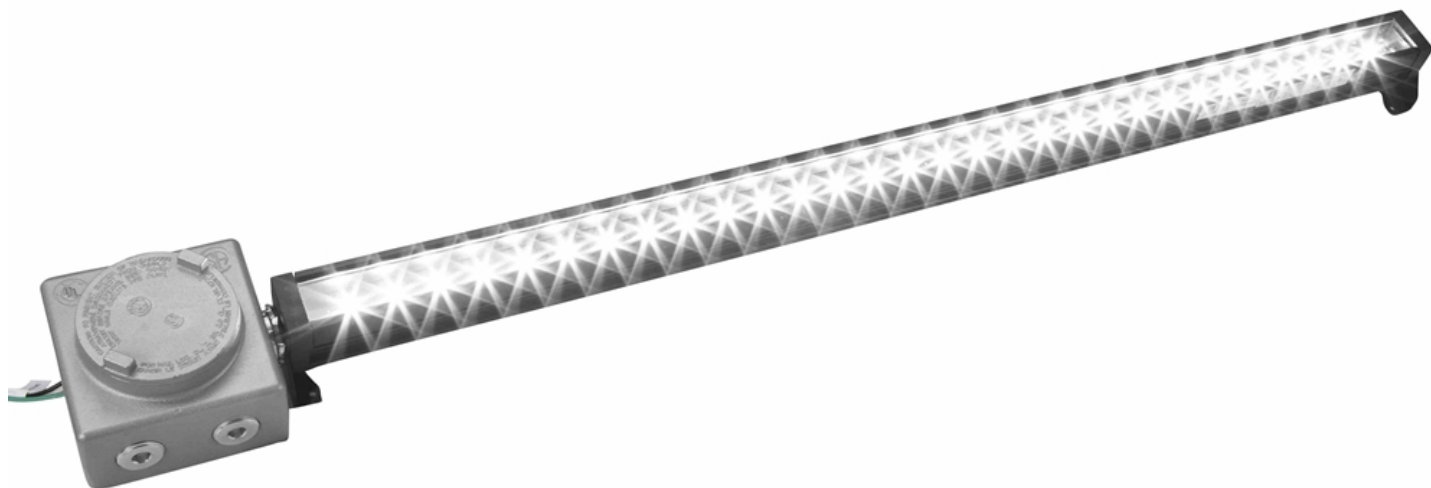


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Product ID: 149862

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

HAL-36-IPS-LED-1227-JB-Beam Angle

Example: HAL-36-IPS-LED-1227-JB-SP

Beam Angle	
30° SPOT	-SP
100° FLOOD	-FL

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(<https://www.larsonelectronics.com/images/product/CECCert/149862.PDF>)
- **Dimensional Drawing 2D**(<https://www.larsonelectronics.com/images/product/DimensionalDrawing/149862.PDF>)
- **MSDS (Material Safety Data Sheet)**(<https://www.larsonelectronics.com/images/product/Msds/149862.PDF>)
- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/149862.PDF>)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(<https://www.larsonelectronics.com/images/product/NECCert/149862.PDF>)
- **Wiring Diagram**(<https://www.larsonelectronics.com/images/product/WiringDiagram/149862.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/149862.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/149862.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/149862.JPG>)
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