Larson Electronics LLC
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GSLEDIP6-C1D2

4 Watt LED Light Fixtures for Hazardous Location Illumination - 6.5" Low Voltage Light Fixture

Product ID: 71181

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.

GSLEDIP6-C1D2 Hazardous Location LED Lighting

Lamp Type: LED

Dimensions: Lamp 6.5"-L 2.68" -W 1.69"- D

Weight: 0.35lb | 0.15 k g

Watts: 4

Voltage: 12-24 VDC

Lumens: 221

Lamp Life Expectancy: 100,000 Hours

CRI: 75

Amps: 0.33 A @12 VDC | 0.165 A @ 24 VDC

Light Color: 6500K

Beam Type: 100° Flood or 30° Spot

Mounting: 1/4" - 20 Screws /Aluminum 1" Yoke

Temp Range: -40°C – +85°C

Wiring: 5Ft Lead | White: + Black: -

3 year warranty replacement on this LED light. After 30 days, the customer ships the failed LED light and/or LED bulb to Larson Electronics at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs within 30 days of receipt, Larson Electronics will provide a return label via email to the customer. When the failed light is returned, Larson Electronics will ship a new replacement.

ETL Listed

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

CSA 22.2 No. 250.0

1598

IP54 Ingress Protection

T3 Temperature Rating

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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Buy American Compliant

The Larson Electronics GSLEDIP6-C1D2 is a low voltage hazardous location lighting solution approved for Class1 Division 2 environments and U.L. 1598 compliant for use in wet locations. This powerful LED strip light produces 221 lumens, operates from 12 or 24 VDC, and is suitable for a variety of applications.

The GSLEDIP6-C1D2 is designed to provide a high output and ruggedly durable lighting solution for applications where Class 1 Division 2 compliance is required. This low voltage hazardous area light can be operated with either 12 or 24 volt DC (choose below) current and includes 5 feet of connecting lead with standard two wire configuration. 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 6.5" 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.

Durability/Mounting: The GSLEDIP6-C1D2 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 l 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.
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 90 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.
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 vertically for the best placement. The entire assembly weighs 0.7 lbs and measures 6.5 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.
Wiring/Power: These hazardous location LED lights are equipped with 5 feet of cord containing a standard two wire (White+ Black-) connecting configuration. These lights are not multi-voltage; each light is preconfigured for 12 or 24 volt DC current at 4 watts .33 amps on 12 VDC and .16 amps on 24 VDC.
Versatility: The GSLEDIP6-C1D2 is ETL approved for Class 1 Division 2 groups A,B,C and 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.

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Frequently Asked Questions (FAQ)



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GSLEDIP6-C1D2

Product ID: 71181

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

GSLEDIP6-C1D2-Kelvin & Beam-Color and Lens-Voltage

Example: GSLEDIP6-C1D2-CW-N-BLK-12VDC

Kelvin & Beam	
COOL W-SPOT	-CW-N
COOL W-FLOOD	-CW-W
COOL W-SPOT FROST	-CW-NF
COOL W-FLOOD FROST	-CW-WF
NEUTRAL W-SPOT	-NW-N
NEUTRAL W-FLOOD	-NW-W
NEUTRAL W-SPOT FROST	-NW-NF
NEUTRAL W-FLOOD FROST	-NW-WF
WARM W-SPOT	-WW-N
WARM W-FLOOD	-WW-W
WARM W-SPOT FROST	-WW-NF
WARM W-FLOOD FROST	-WW-WF
CUSTOM-SPOT	-CUS-N
CUSTOM-FLOOD	-CUS-W
CUSTOM-SPOT FROST	-CUS-NF
CUSTOM-FLOOD FROST	-CUS-WF

Color and Lens	
BLACK	-BLK
WHITE	-WHT

Voltage	
12 VOLTS DC	-12VDC
24 VOLTS DC	-24VDC

Links (Click on the below items to view):

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