

40 Watt General Area Use LED Light Fixture - Cabinet Panel Strip Light - 12-24V DC - Low Profile

Part #: [GAU-48-IPS-LED](#)



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The Larson Electronics GAU-48-IPS-LED is a low profile hazardous location lighting solution approved for outdoor environments and is UL 1598 compliant for use in wet locations. This powerful 48" long LED strip light produces 5,000 lumens, operates on 12-24V AC/DC, and is suitable for a variety of applications.

The GAU-48-IPS-LED 40 watt low profile strip light is designed to provide a high output and ruggedly durable lighting solution for applications where waterproof lighting is required. This low profile LED strip light operates on 12-24V AC/DC electrical current and includes 6 feet of connecting lead with flying leads. 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 48" 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.



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Durability/Mounting: The GAU-48-IPS-LED 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 5,000 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.

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. 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 applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

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 3.5 lbs and measures 48 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.

Wiring/Power: This light operates with 24 volts DC. Each strip light is equipped with 6 feet of 16/2 SOOW cable for making power connections.

Versatility: The GAU-48-IPS-LED 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.

Specifications / Additional Information

[GAU-48-IPS-LED Weatherproof LED Strip Lighting](#)

[Ratings](#)

Lamp Type: LED

Listed for United States and Canada

Dimensions: 48"-L x 2.68" -W x 1.69"-D

CSA 22.2 No. 250.0

Weight: 3.5lb

UL 1598

Voltage: 12-24V AC/DC

IP65 Ingress Protection

Total Watts: 40

70% Lumen Retention after 50,000 Hours

Total Lumens: 5,000

Factory Sealed Light Fixture

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: 1.67A @ 24V

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

Housing Material: Extruded Aluminum

Housing Finish: Powder Coated - Black

Lens Material: Polycarbonate

Mounting: Adjustable Swivel Mount Surface Bracket

Wiring: 6` 16/2 SOOW w/ Flying Leads

Warranty: Yes - 5 Years* - 10 Year / 100,000 Lumen Available**

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-498-3363

E-mail: sales@larsonelectronics.com

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[Part #: GAU-48-IPS-LED \(106148\)](#)

Options:

GAU-48-IPS-LED- BEAM CONFIG

Example: GAU-48-IPS-LED-SP

BEAM CONFIG	
Spot	-SP
Flood	-FL









Links (Click on the below items to view):

- [Dimensional Drawing](#)
- [Manual](#)
- [STEP](#)
- [Hi-Res Image 1 - Low Profile LED Cabinet Light](#)
- [Hi-Res Image 2- Low Voltage LED Strip Light](#)
- [Hi-Res Image 3- Low Profile LED Panel Light](#)
- [Hi-Res Image 4- 12/24V LED Panel Light](#)
- [Hi-Res Image 5 - Low Profile LED Cabinet Light](#)
- [Hi-Res Image 6 - Low Profile LED Cabinet Light](#)
- [Hi-Res Image 7 - Low Profile LED Cabinet Light](#)
- [Hi-Res Image 8 - Low Profile LED Cabinet Light](#)
- [Hi-Res Image 9 - Low Profile LED Cabinet Light](#)