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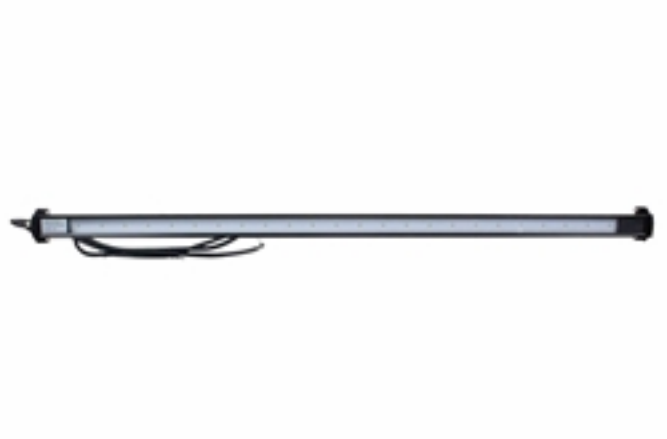
GAU-48-IPS-LED-3CW

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

Product ID: 281784

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.

GAU-48-IPS-LED-3CW Weatherproof LED Strip Lighting

Lamp Type: LED
Dimensions: 48"-L x 2.68" -W x 1.69"-D
Weight: 3.5lb
Voltage: 12-24V AC/DC
Total Watts: 40
Total Lumens: 5,000
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` 16/3 SOOW w/ Flying Leads
Warranty: Yes - 5 Years* - 10 Year / 100,000 Lumen Available**

Ratings

Listed for United States and Canada
CSA 22.2 No. 250.0
UL 1598
IP65 Ingress Protection
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
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

Buy American Compliant

The Larson Electronics GAU-48-IPS-LED-3CW 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-3CW 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 operated 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.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

Durability/Mounting: The GAU-48-IPS-LED-3CW 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 16/3 SOOW cable for making power connections.
Versatility: The GAU-48-IPS-LED-3CW 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.

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Frequently Asked Questions (FAQ)



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GAU-48-IPS-LED-3CW

Product ID: 281784

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

GAU-48-IPS-LED-3CW-Beam Config

Example: GAU-48-IPS-LED-3CW-SP

Beam Config	
SPOT	-SP
FLOOD	-FL

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**