Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

GAU-AP-48-IPS-LED-RGB

40W Exterior Sign Color Changing LED Flood Light - 12-24V AC/DC - Harsh Environment/Weatherproof - IP65 - Remote Included

Product ID: 271799

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

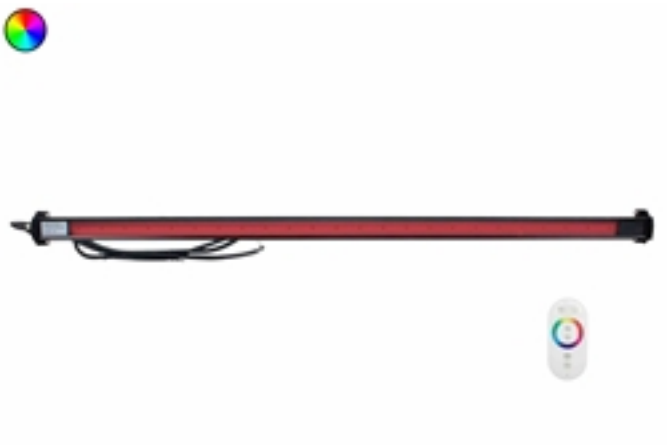

Image: GAU-AP-48-IPS-LED-RGB

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-AP-48-IPS-LED-RGB Weatherproof Color Changing LED Exterior Sign

Listing: NRTL Listed for United States and Canada
Lamp Technology: RGB LEDs
Dimensions: 48"-L x 2.68" -W x 1.69"-D
Weight: 3.5 lb
Voltage: 12-24 V AC/DC
Total Watts: 40W
Total Lumens: 5,000 lms
Luminous Efficacy: 125 Lm/W
Lamp Life: 50,000+ Hours
Color Temp: -
Color Rendering Index: >75 CRI
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: 30° Spot or 100° Flood
Lighting Configuration: Spot or Flood Pattern
Power Efficiency: >95%
Power Factor: 0.992
Amperage: 1.67 A @ 24 V

Ratings

IP65 Ingress Protection
70% Lumen Retention after 50,000 Hours
Factory Sealed Light Fixture
Weatherproof
Wireless WiFi Remote Control

Ambient Operating Temp Range:-40° C to +60°C
Housing Material: Extruded Aluminum
Housing Finish: Powder Coated - Black
Lens Material: Polycarbonate
Remote: Wireless WiFi Remote Control
Color Options: Any Color From the RGB Color Wheel
Mounting: Adjustable Swivel Mount Surface Bracket
Wiring: 6' 16/2 SOOW w/ Flying Leads

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The GAU-AP-48-IPS-LED-RGB from Larson Electronics is a Color Changing Exterior Sign LED Flood Light that ensures outdoor signs are always visible at night or in low-light conditions. This solid-state 48" long LED strip light produces 5,000 lumens and operates on 12-24 V AC/DC. The entire assembly weighs 3.5 lb and measures 48 inches in length, 2.68 inches wide, and 1.69 inches deep, allowing the weatherproof unit to be positioned close to exterior signs without taking up a lot of space. The GAU-AP-48-IPS-LED-RGB features RGB LEDs that allow the colors to be changed via an included WiFi remote control.

The GAU-AP-48-IPS-LED-RGB is a powerful outdoor color changing sign that is suitable for use in harsh environments. These units are configured in a 48" long strip or "bar" profile, which facilitates horizontal or vertical configurations. This energy-efficient LED light is designed for long-term applications, where a sign or landmark must be illuminated for extended periods of time. We offer this light in a 30° spot or 100° flood beam configuration. The 30° spot version is recommended for illuminating signs at far distances or casting concentrated light at surfaces. The 100° flood model provides a wide beam spread for large signs or illumination at close distances. To suit specific exterior sign lighting requirements, we can add the following features to this light (customization may incur additional cost): light guards, pole mounting, solar power, switches, sensors, cords, and more.

An IP65 rated extruded aluminum housing with a tough powder coat finish allows the unit to operate continuously in harsh environments, including areas that experience fluctuating temperatures, constant exposure to water/moisture and rough outdoor elements. This level of protection is recommended for making safety or warning signs more reliable in rugged work sites.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

The LEDs in this linear light are RGB LEDs that can be adjusted to any color on the RGB color wheel. Operators use a wireless WiFi remote control to set the unit to their desired color. These RGB 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 and features colors and details that are much more accurate 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.

Durability: The exterior sign 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 dust and protection against low pressure jets of water from all directions. This design is weatherproof, suitable for indoor or outdoor applications, and ideal for areas where wet, damp, or dusty conditions are commonly encountered.

Power/Wiring: This light operates on 12-24 V AC/DC electrical current. The voltage range is intrinsically safe, which reduces fire-related risks and improves safety when installed in harsh environments, outdoor locations and rugged sites. Each strip light is equipped with 6 feet of 16/2 SOOW cable for making power connections.

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 best placement. Once installed, operators simply rotate the light fixture side to side to position the light output as needed. This outdoor light can be installed above or under signs.

Applications: Exterior signs, harsh environments, industrial sites, outdoor signs, landmarks, indoor signs, flood light and more.

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.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

GAU-AP-48-IPS-LED-RGB

Product ID: 271799

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

Options:

GAU-AP-48-IPS-LED-RGB-Beam Config
Example: GAU-AP-48-IPS-LED-RGB-SP

Beam Config	
SPOT	-SP
FLOOD	-FL

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Links (Click on the below items to view):

- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/271799.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/271799.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)