

GAU-LED-80-STB-SOL-60C-ILS-20C-20C

Solar Powered LED Indicator Light - Inline Switch - (2) 20aH Lithium Ion Batteries - Weatherproof
Product ID: 244097

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-LED-80-STB-SOL-60C-ILS-20C-20C Solar Powered LED Light

Lamp Technology: LED

Lamp Dimensions: 10.84"H x 4.75"OD

Solar Panel Dimensions: 11-3/8"L x 15-3/4"D

Weight: -

Voltage: 12V DC

Watts: 7W

Candela: 1,235

Luminous Efficiency: -

Life Expectancy: 50,000+ hours

Light Color Options: Red, Green, Blue, Amber or White

Color Rendering Index: -

Lamp Type: -

Lamp Base: -

Replacement Lamp: -

Beam Type: Full, 360°

Lighting Configuration: Steady Burn

Efficiency: -

Power Factor: -

Battery: (2) 20 aH Lithium Ion

Ratings/Approval

Weatherproof Inline Switch

NEMA 3R Panel

NEMA 4X LED Light

Runtime: -

Charging Time: 5 Hours

Ambient Operating Temp Range: -

Materials: Polycarbonate, Hardened Borosilicate Glass

Mounting: Surface, Ceiling, Wall

Wiring: 20' 10/2 SOOW Cord Between Solar Panel & Battery
Enclosure, 60' 10/2 SOOW Between Battery Enclosure & Inline
Switch, & 20' 10/2 SOOW Between Inline Switch & Light

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in Texas

The GAU-LED-80-STB-SOL-60C-ILS-20C-20C from Larson Electronics is a Solar Powered LED Indicator Light that is a reliable lighting solution for remote areas and standalone applications where connection to external power is either impractical or unavailable. This 7-watt lamp offers 360 degrees of illumination. Charged by NEMA 3R solar panel, two 20aH lithium-ion batteries provide constant, reliable power to the LED light. The GAU-LED-80-STB-SOL-60C-ILS-20C-20C is outfitted with a weatherproof inline switch.

The GAU-LED-80-STB-SOL-60C-ILS-20C-20C is a sustainable lighting solution for remote sites. This weatherproof 7-watt lamp operates on 12V DC. Charged by a NEMA 3R solar panel, two 20aH lithium-ion batteries provide constant, reliable power. During use, the LED light offers an output of 1,235 candela. Light color options include the following: red, white, blue, green or amber. The lamp housing is waterproof, constructed of corrosion and chemical resistant polycarbonate with Pyrex globe that is USCG accepted, ABS Type approved, NEMA 4X compliant and suitable for hose-down areas.

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. Solid-state LED lighting is also safer for the environment as LEDs are 100% recyclable. And recycling simultaneously reduces operating costs by eliminating the need for the expensive special disposal services required with traditional gas burning and arc type lamps.

Power: This GAU-LED-80-STB-SOL-60C-ILS-20C-20C is powered by two 20aH lithium-ion batteries that are recharged by the solar panel. These rechargeable batteries provide a continuous supply of steady, reliable power. The battery pack is contained within the solar panel, not the light.

Charging time for the battery bank is 5 hours when exposed to direct sunlight. As with all solar powered equipment, charging time is affected by the amount of available ambient light. Indirect sunlight and low ambient light levels, such as on cloudy days, will extend the charge time.

Inline Switch: The GAU-LED-80-STB-SOL-60C-ILS-20C-20C is equipped a weatherproof inline switch. The switch functions as the only means of powering the light on and off.

Wiring: The GAU-LED-80-STB-SOL-60C-ILS-20C-20C is equipped with 20 feet of 10/2 SOOW cord between the solar panel and battery enclosure, 60 feet of 10/2 SOOW between the battery enclosure and inline switch, and 20 feet of 10/2 SOOW between the switch and the light.

Mounting: The GAU-LED-80-STB-SOL-60C-ILS-20C-20C features an inverted pendant mount for compatible surfaces, walls or ceilings. This mounting configuration ensures maximum visibility of the weatherproof LED fixture.

Suggested Applications: Remote work sites, outdoor locations 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.

Frequently Asked Questions (FAQ)









GAU-LED-80-STB-SOL-60C-ILS-20C-20C

Product ID: 244097

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

GAU-LED-80-STB-SOL-60C-ILS-20C-20C-Color-Mount

Example: GAU-LED-80-STB-SOL-60C-ILS-20C-20C-RED-CLG

Color	
RED	-RED
GREEN	-GRN
BLUE	-BLU
AMBER	-AMB
WHITE	-WHT

Mount	
CEILING	-CLG
WALL	-WLM
PENDANT	-PND

Links (Click on the below items to view):

- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [HigResPic10](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)