

GAU-LED-2X80-STB-SOL-60C-ILS-20C-20C

**Solar Powered Dual LED Indicator Light - Inline Switch - (3) 20aH Lithium Ion Batteries -
Weatherproof**

Product ID: 244099

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.

<u>GAU-LED-2X80-STB-SOL-60C-ILS-20C-20C Solar Powered LED Light</u>	<u>Ratings/Approval</u>
Lamp Quantity: (2)	Weatherproof Inline Switch
Lamp Technology: LED	NEMA 3R Panel
Lamp Dimensions: 10.84"H x 4.75"OD	NEMA 4X LED Lights
Solar Panel Dimensions: 11-3/8"L x 15-3/4"D	
Weight: -	
Voltage: 12V DC	
Total Watts: 14W	
Single-lamp Watts: 7W	
Total Candela: 2,470	
Single-lamp 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: (3) 20 aH Lithium Ion

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, & (2) 10' 10/2 SOOW Cords w/ Each Leading to a Light Fixture

Special Orders - Special Requirements

Contact us for special requirements

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Made in Texas

The GAU-LED-2X80-STB-SOL-60C-ILS-20C-20C from Larson Electronics is a Solar Powered Dual 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. The 7-watt lamps offer 360 degrees of illumination. Charged by NEMA 3R solar panel, three 20aH lithium-ion batteries provide constant, reliable power to the LED lights. The GAU-LED-2X80-STB-SOL-60C-ILS-20C-20C is outfitted with a weatherproof inline switch.

The GAU-LED-2X80-STB-SOL-60C-ILS-20C-20C is a sustainable lighting solution for remote sites. Designed with a dual-lamp configuration, the weatherproof 7-watt lights operate on 12V DC. Three 20aH lithium-ion batteries charged by a NEMA 3R solar panel provide constant, reliable power to the units. During use, each 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-2X80-STB-SOL-60C-ILS-20C-20C is powered by three 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-2X80-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-2X80-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 two 10 foot lengths of 10/2 SOOW split by a Y-connector. Each 10` length leads to one of the light fixtures. This allows for a maximum distance of 20 feet between the two light fixtures.

Mounting: The GAU-LED-2X80-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-2X80-STB-SOL-60C-ILS-20C-20C

Product ID: 244099

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

GAU-LED-2X80-STB-SOL-60C-ILS-20C-20C-Color-Mount

Example: GAU-LED-2X80-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):

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