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WAL-TL-2X12W-C-WR-SOL

24W LED Signal Stack Light - NEMA 4X - Corrosion Resistant - Solar Powered

Product ID: 144625

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.

WAL-TL-2X12W-C-WR-SOL	Features
Lamp Type: LED	Various choices of light colors
Colors: Red & Green, Red & White, Red & Blue, Red & Amber, Red & Purple, White & Blue, White & Green, White & Amber, White & Purple, Blue & Green, Blue & Amber, Blue & Purple, Amber & Green, Amber & Purple, Green & Purple	Low Profile
Dimensions: 18"-H x 10.25"-W x 4.25"-D	Durable Aluminum Construction
Watts: 12 Watts Per Lamp - 24W Total	Low Amp Draw
Voltage: 120-277 Volts AC or 12-24V DC	IP68 (Waterproof)
Lighting Configuration: Steady Burn or Strobing	NEMA 4X
Mounting: Ceiling, Wall, Flat Surface	Multi-voltage 120-277V Operation
Wiring:20` SOOW Cable Between Lights and Panel	Solar Panel for Charging Batteries
Solar Panel Watts:30W	Two 8aH Batteries Provide 12 Hour Runtime
Batteries: (2) 8aH Sealed Lead Acid Batteries	
Battery Charge Time: 5 Hours in Direct Sunlight	**Special Orders - Special Requirements**
Battery Run Time Time: 12 Hours	Contact us for special requirements
Light Control: Wireless Remote	**Toll Free:** 1-800-369-6671
Lamp Life: 50,000+ Hours	

Fax: 1-903-498-3364

Mounting: Predrilled Aluminum Base

E-mail: sales@larsonelectronics.com

Made in the USA

The WAL-TL-2X12W-C-WR-SOL LED Solar Powered Signal Stack Light from Larson Electronics is approved for use in wet locations and marine environments. This waterproof LED equipped light is designed for routing traffic in industrial refueling stations and process status indication in manufacturing facilities. The WAL-TL-2X12W-C-WR-SOL is powered by a 30 watt solar panel that charges two 8aH sealed lead acid batteries. The solar panel is configured to charge continuously. The lights on this LED signal stack light are operated via a wireless remote control that turns each color light on and off independently of the other.

The WAL-TL-2X12W-C-WR-SOL LED traffic light is an ideal indicator lighting solution for industrial, marine, and manufacturing facilities. The light housings are fully sealed within a waterproof aluminum chassis fixture that features a very small profile for easy and unobtrusive mounting in tight and space limited areas. The mounting plate is also made from aluminum and can be custom built to customer specifications. This multi-colored indicator light provides outputs with the following light color choices: red, white, blue, amber, green, and purple. It has a 50,000 hour operational life and is available in 120-277V AC. We also offer a 12/24V DC configuration for low voltage operation.

The light runs for 12 hours when the battery is fully charged. The sealed lead acid battery pack is contained within the solar panel, not the light. Charging time for the battery 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. When ambient light levels drop below a certain level, such as on cloudy days, the unit will not recharge.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

These LED lights are fully sealed, weatherproof, and constructed of aluminum with stainless steel hardware for durability and corrosion resistance. The LEDs are housed within a hard anodized and powder coated aluminum chassis that provides excellent strength and durability. Power is provided by individual conductors to allow independent operation of each lamp, making this unit ideal for fuel depots and manufacturing facilities where status indicators are necessary. This light can be operated on voltages ranging from 120 to 277 volts AC without the need for any extra hardware. The light will sense the voltage and adjust the current sent to the LED accordingly.

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. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns

and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.
This signal light fixture is configured for dual colored lights with the following color choices: red, white, blue, amber, green, and purple. The WAL-TL series of lights offers exceptional lumen output, a 50,000+ hour life span, IP68 waterproof tested to 60 meters. The LED lamps in this traffic light are 12 watts each and offer cool operation and clean, bright output that surpasses that of 100 watt incandescent indicator lamps. Mounting is provided by a heavy gauge aluminum base with four predrilled holes designed to be bolted to walls and flat surfaces for permanent and secure attachment.
Note on Lights: Please note, the color choices and light configuration of this unit can be customized to your requirements. We offer steady burn or strobing LED lamps, as well as high or low voltage configurations. Please contact us for special color configurations.
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.

Made in USA Quality

1. 30 watt solar panel provides power to the lights.
2. Two 8aH sealed lead acid batteries provide ample runtime.
3. Fixture constructed of durable aluminum with stainless steel hardware.
4. Fixture is IP68 waterproof and suitable for wet locations.
5. Wireless remote turns both color lights on and off independently.
6. 20` of SOOW cable allows the light to be mounted seperately from the solar panel.

Superior LED Benefits

1. 50,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LEED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off - No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.
13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.
15. California Title 24 Compliant

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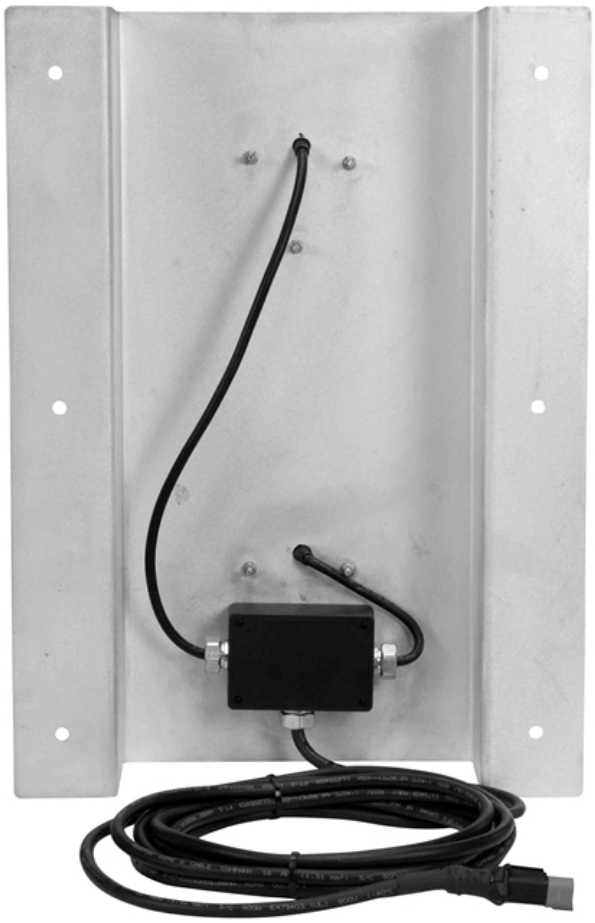
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Frequently Asked Questions (FAQ)









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WAL-TL-2X12W-C-WR-SOL

Product ID: 144625

Export Control Classification Number (ECCN): EAR99

Options:

WAL-TL-2X12W-C-WR-SOL-Light Config-Colors

Example: WAL-TL-2X12W-C-WR-SOL-STB-RG

Light Config	
STEADY BURN	-STB
STROBE	-STROBE

Colors	
RED/GREEN	-RG
RED/WHITE	-RW
RED/BLUE	-RB
RED/AMBER	-RA
RED/PURPLE	-RP
WHITE/BLUE	-WB
WHITE/GREEN	-WG
WHITE/AMBER	-WA
WHITE/PURPLE	-WP
BLUE/GREEN	-BG
BLUE/AMBER	-BA
BLUE/PURPLE	-BP
AMBER/GREEN	-AG
AMBER/PURPLE	-PA
GREEN/PURPLE	-GP

Links (Click on the below items to view):

- MSDS (Material Safety Data Sheet
- Operations Manual
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map