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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

WAL-TP.S-2X25WRE-RPS.500W

50W Dual LED Work Light w/ Tripod Mount - 3.5' to 10' - 5500 lms - Rechargeable - 15+ Hours Runtime

Product ID: 234740

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-TP.S-2X25WRE-RPS.500W Tripod Mounted LED Work Light

Listing: -
Lamp Technology: CREE LED
Lamp Qty: (2)
Dimensions: Light Heads: 5.75" x 4.36", Tripod: 3.5`-10`
Weight: -
Voltage: 9-32V DC
Total Watts: 50W
Single-lamp Watts: 25W
Total Lumens: 5,550 lms
Single-lamp Lumens: 2,775 lms
Luminous Efficacy: 90 Lm/W
LED Life Expectancy: 50,000+ Hours
LED Light Color: 6000K
CRI: -
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Length: 1000`L
Lighting Configuration: Combination 10° Spot & 60° Flood
LED Drive: 90%
Power Efficiency: -
Power Factor: -
Amps: 4.17 @ 12V DC - 2.08 @ 24V DC

Ratings/Approvals

3.5-10` Adjustable Tripod Mount
IP68 Waterproof
Impact/Vibration Resistance
Shatterproof Lens
Ambient Op Temp -40°C to +85°C
Long 50,000+ Hour LED Life
Extremely Durable and Versatile

Ambient Operating Temp Range: -40°C to +85°C
Materials: Aluminum, Polycarbonate
Mounting: Heavy Duty Aluminum Telescoping Light Tower
Mobile Power: 12V Jump Pack
Runtime: 15+ Hours per Charge
Charge Voltage: 120V AC
Wiring: 16' Coil Cord w/ Cigarette Plug
Housing Color: Black

Special Orders - Special Requirements
Contact us for special requirements
Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The WAL-TP.S-2X25WRE-RPS.500W from Larson Electronics is a Tripod Mounted Dual LED Work Light that offers a portable and convenient source of high-intensity LED light. This tripod mounted worklight produces 2,750 lumens from each LED light head for a total output of 5,500 lumens. Equipped with a 12V DC jump pack for mobile power, the unit contains a 16` coil cord with a cigarette plug for easy connection to vehicles, equipment and portable battery packs.

The WAL-TP.S-2X25WRE-RPS.500W dual LED tripod mounted work light features two of the Larson Electronics LED25WRE-CPR LED spotlights. Each LED25WRE-CPR LED light emitter from Larson Electronics produces 2,750 lumens of bright light while drawing less than 2.25 amps from a 12 volt electrical system. A single CREE 25 watt LED producing 2750 lumens is combined with high output reflector to produce a narrow 10° spread spot beam approximately 1000` long combined with a 60° flood beam. This combination spot and flood beam provides both distance and width from a single light source. This particular unit is ultra compact with a 4.5" OD lamp head.

The LED WRE series LED lights are waterproof to 3 meters, sealed against intrusion by dust and dirt and very ruggedly constructed to withstand the most demanding environments, conditions and applications.

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.

Heat Management: Heat is the single largest factor in premature LED failure and color shifting. These LED units contain advanced drivers which use pulse width modulation to control heat buildup rather than simple voltage regulators which are typically harsh on sensitive electronics and can contribute to early LED failure. These units automatically sense the temperature of each LED and adjust the energy frequency or "duty cycle" accordingly to maintain heat levels within acceptable ranges. This system in essence flashes current at an extremely fast on and off rate to each LED based upon the LED`s core temperature. This flash rate is too fast to detect with the human eye, but provides precise control of the current flowing to each LED and thus the heat it generates. This allows the LEDs to be driven at up to 100% capacity without overheating or visible loss of light output. The LEDs are always driven at the same voltage but the duty cycle, however, is changed to alter how long the LEDs are actually on or off. The end result is more light with less heat and longer LED life with an average 70% lumen maintenance after 50,000 hours.

Durability: As well as unparalleled heat control, the LEDP WRE series of LED lights from Larson Electronics also offer IP68 rated construction that is designed to withstand extremes of environmental and operating conditions. These units can withstand rapid temperature changes of -40 degrees Celsius to 85 degrees Celsius, are waterproof to

three meters and resist ingress of dust, dirt and humidity. The housings are formed from extruded aluminum and the lenses are unbreakable polycarbonate. The CREE LEDs offer resistance to shocks and vibrations and are rated at 70% lumen maintenance after 50,000 hours of use.
Voltage: These units are also able to monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. These LEDP WRE series LED lights can operate on current ranging from 12 to 32V DC without any modifications necessary as a result. This ability to sense and adjust input current also provides protection against voltage spikes and drops that can occur in vehicle electrical systems which would otherwise result in burning up or premature LED failure without it.



16ft Coil Cord w/Cigarette Plug

Power: These LED tower lights are equipped with a 16` coil cord and cigarette plug, allowing operators to power this LED light tower from any portable battery pack, vehicle, equipment, ATV or boat equipped with a cigarette lighter port. You do not need to anything special to operate these light bars in their multi-voltage 9-32V DC configuration. They will sense the incoming voltage and adapt accordingly.
A 12V jump pack provides mobile power to the unit, with a runtime of 15+ hours per full charge. Operators can plug into a 120V power source to recharge the system.
Mounting: This particular unit is equipped with an adjustable aluminum tripod that can reach heights up to 10 feet and be lowered to 3.5 feet for applications where a lower height is required or for storage and transportation. The heavy duty aluminum tripod is durable, lightweight and adjustable to any length between 3.5 feet and 10 feet.
A single mounting bracket holds the dual LED light heads and allows them to be adjusted and aimed horizontally and vertically. This feature allows users to expand the area covered or to focus more intense coverage on a smaller area. The tripod legs can be collapsed and the light head bracket removed with the light still on it for simple portability and deployment. The heavy duty construction of this tripod and the light weight of the LED fixture results in a portable yet very stable lighting platform that will hold its position, even in very windy conditions.
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.

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Frequently Asked Questions (FAQ)







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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**