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WAL-TP-RPS-3XLED-CPR

100 Watt Portable LED Tripod Lighting System - 8.5 Feet – 7,000 Lumens - Rechargeable Li-Ion Battery

Product ID: 106160

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-RPS-3XLED-CPR LED Tripod Light Tower

Lamp Type: LED
Light Head Dimensions: 4"D X 8.5"H
Total Height: 8.5`
Weight: 23.0 lbs
Battery: Rechargeable Lithium-Ion 200WH Battery System

Recharge Time: 7 Hours

Total Run Time: Up to 24 Hours
Total Watts: 100 Watts
Voltage (Recharge): 100-240V AC or 12V DC
Total Lumens: 7,000
Maximum Beam Distance: 2,963 Feet
Amp Draw: 1.1 amps @ 115V AC / 9 amps @ 12V DC
LED Lamp Life Expectancy: 50,000+ Hours
Luminous Efficacy: 70 Lm/W
LED Color: White
Color Temp: 5700K
Color Rendering Index: 65
Charger Cord Cap: 5-15P
Beam Angle: 12° Spot 120° Area or 360° Scene with Lens Diffuser
Lighting Configuration: Spot to Area to Scene Light
Ambient Operating Temperature: -10°C to +149°C
Tower Material: Stainless Steel Tube, Nylon 66 Body

Ratings/Certifications

IPX7 Waterproof
Impact/Vibration Resistant
Lightweight
Portable
Rechargeable Battery Pack
Meets NFPA 1971-2007 Fire Resistant Requirements: 500°F / 260°C for 30 minutes
CE-EMC
CE-LVD
Waterproof up to 9.8 Feet
Impact Resistant up to 3.3 Feet
Made in the USA

Special Orders - Special Requirements

Contact us for special requirements

LED Housing Material: 6061-T6 Aluminum

Lens Material: Polycarbonate

Mounting: Portable Tripod Tower

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Made in the USA

The WAL-TP-RPS-3XLED-CPR from Larson Electronics is a LED Tripod Light Tower that offers operators a lightweight and highly versatile portable lighting solution perfect for tasks that require quick deployment, easy transport, and a mobile power supply. The WAL-TP-RPS-3XLED-CPR is designed with a unique light assembly that consists of three light heads attached to a circular bracket and an articulated center support, allowing for 340° of horizontal adjustment and vertical positioning options. Powered by a rechargeable lithium-ion 200WH battery system, this portable light unit delivers a robust 7,000 lumens and features a three way power button with high/middle/low settings as well as the ability to convert the beam angle from a powerful 120° area light to a 360° scene light or a 12° spot light using a lens diffuser. Weighing only 23.0 lbs, this 8.5` self-contained light tower collapses into a poster tube form and comes with a convenient shoulder strap for transport. The WAL-TP-RPS-3XLED-CPR consumes 100 watts of power and has a maximum beam distance of 2,963 feet.

The WAL-TP-RPS-3XLED-CPR is designed to give operators unrivaled control over their work space illumination, including light direction and breadth, light level, and beam type. This portable light tower features a unique LED light assembly consisting of three 4" D x 8.5" H LED light heads connected to a circular bracket. The three light heads can be moved individually on the circular bracket from a linear horizontal formation all the way around to a circular formation for 360° of illumination. The entire light assembly is mounted to an articulated center support and can be manually repositioned through 340° of rotation and tilted up and down. This light assembly produces a powerful and focused 12° spot beam that can be converted to a 120° area light or a 360° scene light using a lens diffuser and the unique adjustable light head assembly.

In addition to the versatile light head and beam configuration, the WAL-TP-RPS-3XLED-CPR is equipped with a three way power button for high, middle, and low settings, allowing operators to choose the light level best suited to the task. On the lowest setting, the WAL-TP-RPS-3XLED-CPR produces 700 lumens of light and can run for 24 hours on a single charge. The middle setting allows the tripod LED light tower to produce 2,100 lumens and to run for 9 hours on a single charge while the highest setting produces 7,000 lumens and can run for 3 hours continuously.

12° Spot Light Configuration

120° Area Light Configuration



120° Area Light Back



360° Scene Light Configuration

Click Images to Enlarge

Articulating Head

Durability: Built for daily heavy duty use, the WAL-TP-RPS-3XLED-CPR is IPX7 rated waterproof, impact and vibration resistant, and protected against ingress of dust and dirt. Each light head is housed within a rugged 6061-T6 aluminum case and protected behind a shatter resistant polycarbonate lens and diffuser. Tough, durable design paired with advanced LED technology give this light a virtually

maintenance free 50,000 hour rated lifespan. The body of the WAL-TP-RPS-3XLED-CPR is constructed from highly durable nylon 66 material and is waterproof to 9.8 feet and impact resistant to 3.3 feet. This tripod LED light tower can operate in extreme environments with an operating temperature range of 14°F to 300°F (-10°C to 149°C). The WAL-TP-RPS-3XLED-CPR also meets NFPA 1971-2007 Fire Resistant Requirements of 500°F / 260°C for 30 minutes.



AC and DC Charging Adapters
Click Images to Enlarge



12V DC Charger

120V AC Charger

Battery Level Indicator

Battery/Charging: The WAL-TP-RPS-3XLED-CPR draws power from an internal lithium-ion 200WH battery system. The battery system is robust enough to provide up to 7,000 lumens of light output and up to 24 hours of continuous run time. The rechargeable lithium-ion battery system can be charged via 100-240V AC or 12V DC power sources. The WAL-TP-RPS-3XLED-CPR charger is equipped with a 5-15P cord cap. The battery system can be fully recharged in 7 hours and has 500+ charge cycles. A battery life indicator light provides operators with a visual guage of how much battery power is remaining. The indicator light changes between green, orange and red colors with green indicating 70-100% of the charge remaining, orange indicating when the battery is between 30-70% charged and the red light indicating that the battery has less than a 30% charge remaining. The WAL-TP-RPS-3XLED-CPR comes with a DC cord and an AC adapter and cord.

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.



360° Scene Light Configuration



12° Spot Light Configuration

Tower: The tower of the WAL-TP-RPS-3XLED-CPR combines the best elements of

rugged construction and operator friendly design. Measuring 8.5` when fully deployed, this portable light unit features a stainless steel telescoping tube that can be vertically adjusted to fit the work space by loosening/tightening the hand knobs on center support. For transport and storage, the upper tower can be collapsed completely into the base piece with the light assembly still attached, and the legs fold up and over the base using inverted hinges, forming a compact poster tube that can be easily carried with the attached should strap. The light head assembly on the tower can be rotated 340° and can also be tilted up and down. The WAL-TP-RPS-3XLED-CPR also features adjustable legs for delpoyment on uneven terrain and has a deployed footprint of 36" and a stowed length of 39.9".



Click Photo to Enlarge

Applications: Industrial and Mining Applications, Tunnel Construction, Line Maintenance, Power Plants, Emergency Rescue, Medical Assistance, Fire, Police, Military

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.

High Quality Features

1. Watertight Work Area Light
2. IPX7 Rated LED Light Heads are Waterproof and Dustproof
3. Portable Tower
4. Battery Contained Within Tower
5. Up to 24 Hour Runtime on a Single Charge
6. High Power LEDs Providing Up to 7,000 Lumens
7. Tower Stands Up to 8.5` in Height

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 LED 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.

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Frequently Asked Questions (FAQ)







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Product ID: 106160

Harmonized System (HS) Code: 9405.41.84.10

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**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**