

WAL-QP-2X90LTL-LED-100

180W Work Area LED Light Tower - Quadpod Mount - 7-12' Height - Temporary Construction Lighting

Product ID: 148326

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-QP-2X90LTL-LED-100 Work Area LED Quadpod

Lamp Type: CREE LED

Dimensions: 7' to 12' Extendible Tower

Weight: 105 Lbs

Voltage: 120-277V AC

Total Watts: 500W (250 Watts per Lamp)

Total Lumens: 67,500

Luminous Efficiency: 135 Lm/W

Lamp Life: 80,000+ Hours

Beam Angle: 10° Spot, 24° Wide Spot, 38° Narrow Flood, 60° Flood, or 90° Wide Flood

LED Color Temperature: 5,500-6,500K

Optics Efficiency: 98% - PMMA High Transmittance Optics

LED Drive %: 90%

Amperage: 1.67A @ 120V, 0.84A @ 240V, 0.72A @ 277V

Ambient Operating Temp Range: -40° C to +80°C

Housing Materials: Die Cast Aluminum Housing, PMMA Optics

Mounting: 1/8" Thick, Aluminum Square Tube Quadpod - 168" Height

Wiring: 100' 16/3 SOOW Cable

Cord Cap: 5-15, 6-15, 5-20, 6-20, L5-15, L6-15, L5-20, L6-20, BS1363, Schuko, or Pigtail

Quick Summary

500 Watt Metal Halide Replacement
98% Transmission High Purity PMMA Optics
Multiple LED Banks for Heat Dispersion
135 Lumens Per Watt Efficiency
70% Lumen Retention after 80,000 Hours
UL1012 Compliant
UL60950-1 Compliant
CE Certified and RoHS Compliant
IP67 Rated Waterproof
Adjustable LED Light Head
Adjustable Tower Mount - 7'-12'
100' 6/3 SOOW Cord
Multiple Plug Options Available

Special Orders - Special Requirements

Contact us for special requirements

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Made in Texas

The WAL-QP-2X90LTL-LED-100 Quadpod Mounted LED Work Area Light from Larson Electronics is a powerful lighting solution for temporary or remote tasks around industrial work sites. Designed for portability and durable operation, the LED light tower operates on 120-277V AC and features dual LED lamp heads at 250 watts each (total of 500 watts). This unit produces 67,500 lumens of light and is equipped with 100' of SOOW cable.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO LIGHT MASTS, LIGHT TOWERS, OR QUADPODS

The WAL-QP-2X90LTL-LED-100 is a quadpod-mounted work area LED light for industrial facilities. Dual LED light heads, each containing nine CREE® high output LEDs producing 7,500 lumens each are arranged in rows and paired with PMMA high purity optics to produce a well focused 24° wide spot beam that is ideal for providing far reaching concentrated illumination while still covering a substantial amount of area. We also offer optional optics with 10° spot, 38° narrow flood, 60° flood, and 90° wide flood beam spreads. The spot beams are tightly focused and are designed for high elevation mounting to achieve distance, making spot versions ideal for high mast and spots lighting. The flood beams are designed to provide more light over a larger area nearer the fixture, making flood versions ideal for use as dedicated work and area lights.

This 500-watt LED light tower is comprised of two adjustable LED light heads mounted atop a four leg quadpod fabricated from powder coated aluminum. This adjustable and collapsible quadpod can be extended to twelve feet, collapsed to seven feet, and includes solid wheels allow the operator to tilt the unit back and simply roll the entire assembly to a new location when fully deployed. The LED light fixture assembly can be removed by releasing the hand knob and sliding the light and mounting bracket off of the center support while the legs can be collapsed, aiding in deployment, storage and transport. The lamp can be easily adjusted vertically and locked into position.

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. 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 applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

Lights: The lighting system on this unit is comprised of two [GAU-LTL-90W-LED](#) 500-watt LED lamps producing a combined 13,500 lumens of light attached to the top of the mini light tower. The GAU-LTL-90W-LED LED lights are ideal replacements for fragile and hot running 250-watt and 400-watt metal halide lamps, offering increased durability, longer lamp life, and lower power consumption. The fixtures are IP67 rated waterproof. The LED assembly is comprised of multiple LED "strips" within the housing. This design allows for in-the-field serviceability without the need for special tools or equipment.

Heat Management: Heat is the single largest factor in premature LED failure and color shifting. These LED units feature individual heat sinks per bank of six LEDs to control heat buildup rather than utilizing a single housing to dissipate heat. This allows for more thorough cooling of the LEDs for extended operating periods. This allows the LEDs to be driven at up to 90% capacity without overheating or visible loss of light output. The end result is more light with less heat and longer LED life with an average 70% lumen maintenance after 80,000 hours. In addition, should an LED failure occur, these LED flood lights are field serviceable. Each bank of six LEDs can be replaced with the fixture installed. This allows for the tower to stay in operation until repairs can take place, and eliminates the need to remove and

disassemble the entire fixture for repairs.

Durability: As well as unparalleled heat control, the GAU-LTL-500W-LED series of LED lights from Larson Electronics also offer IP67 rated construction that is designed to withstand extremes of environmental and operating conditions. These units can withstand rapid temperature changes of -40° Celsius to +80° Celsius, are waterproof, and resist ingress of dust, dirt and humidity. The housings are formed from die cast aluminum and the optics are high transmission PMMA with 98% light transmittance. The CREE® LEDs help these units achieve resistance to vibrations and are rated at 70% lumen maintenance after 80,000 hours of use. We use these LED lights for applications where a lot of vibration, dust, dirt, dampness and abusive working conditions are encountered.

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Mounting: This portable LED light is comprised of an adjustable LED light head assembly mounted atop a four leg quadpod fabricated from light weight aluminum tubing. The quadpod is adjustable in height, from 7' to 12' telescoping, and included solid wheels allow the operator to tilt the unit back and simply roll the entire assembly to a new location when fully deployed. The LED light fixture assembly can be removed by releasing the hand knob and sliding the light and mounting bracket off of the center support while the legs can be collapsed, aiding in deployment, storage and transport. The lamp can be easily adjusted vertically and locked into position. The light head is equipped with a stainless steel trunnion style mounting bracket that allows the light to be attached to be adjusted through 360° of vertical movement.

Voltage: The drivers in this unit provide the ability to automatically monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. These light towers can operate on current ranging from 120V AC to 277V AC 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 electrical systems which would otherwise result in burning up or premature LED failure without it.

[Click Photos to Enlarge](#)



5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



L6-15 Twist Lock Plug
15 Amp / 250V Rated



UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



Flying Leads / Pigtail Wires

Wiring and Plug: This tower mounted LED flood lighting system is equipped with

100' of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground, standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V.

Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

Applications: Construction sites, industrial operations, outdoor lighting systems, camp sites, concerts, events, checkpoints, security, law enforcement, commercial projects, wide area illumination, temporary tasks 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.

Made in USA Quality

1. Heavy duty aluminum tube tower construction.
2. LED lamp head requires no lamping and simply slides on the quadpod and is locked into place with a hand tightened set screw.
3. Quadpod constructed of heavy duty 1/8" thick steel.
4. No ballast box. No ballast to replace.
5. Extreme long life LEDs reduce maintenance and replacement costs.
6. Solid rubber tires. No flats or tube replacements.
7. LED light output comparable to 250W-400W metal halide.
8. 67,500 lumens produced from only 500 watts.
9. Mercury-free shock proof LED lamp light head.

Superior LED Benefits

1. 80,000+ hour lifespan.
2. Can SAVE 50% or more on energy.
3. 100% recyclable.
4. No toxins-lead, mercury.
5. No UV light, infrared radiation or CO2 emissions.
6. Bright, even light maintains consistent color over time.
7. Instant on/off – No flickering, delays or buzzing.
8. Very good color rendering.
9. Vibration/impact resistant.
10. Significantly cooler operation.
11. Less frequent outages, higher output improves workplace safety.

Frequently Asked Questions (FAQ)





WAL-QP-2X90LTL-LED-100

Product ID: 148326

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

WAL-QP-2X90LTL-LED-100-Beam Config-Cord Cap

Example: WAL-QP-2X90LTL-LED-100-10SP-5.15

Beam Config	
10° SPOT	-10SP
25° WIDE SPOT	-25WS
40° NARROW FLOOD	-40NF
60° FLOOD	-60F
90° WIDE FLOOD	-90WF

Cord Cap	
5-15 STRAIGHT	-5.15
6-15 STRAIGHT	-6.15
5-20 STRAIGHT	-5.20
6-20 STRAIGHT	-6.20
L5-15 TWIST	-L5.15
L6-15 TWIST	-L6.15
L5-20 TWIST	-L5.20
L6-20 TWIST	-L6.20
UK BS1363	-BS1363
INTL SCHUKO	-SCHUKO
PIGTAIL	-PIGTAIL

Links (Click on the below items to view):

- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)