

WAL-QP-20F-200LTL-LED-100

200 Watt Work Area LED Light Tower - Quadpod Mount - 12-20' Height - Temporary Construction Lighting

Product ID: 306630

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: WAL-QP-20F-200LTL-LED-100

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-20F-200LTL-LED-100 Work Area LED Quadpod

Lamp Type: CREE LED
Dimensions: 12' to 20' Adjustable Tower
Weight: 105 Lbs
Voltage: 120-277 Volts AC, 50/60Hz
Total Watts: 200
Total Lumens: 27,000
Luminous Efficiency: 135 lm/w
Lamp Life: 80,000+ Hours
Color Rendering Index: -
Beam Configurations: 10° Spot, 24° Wide Spot, 38° Narrow Flood, 60° Flood, or 90° Wide Flood
LED Color Temperature: Cool White - 5500-6500K
Optics Efficiency: 98% - PMMA High Transmittance Optics
Waterproof Rating: IP67
Led Drive %: 90%
Amperage: -
Ambient Operating Temp Range: -40° C to +80°C
Materials: Die Cast Aluminum Housing, PMMA Optics
Housing Color: Powder Coated Black
Mounting: 1/8" Thick, Aluminum Square Tube Quadpod - 168" Height

Quick Summary

400 Watt Metal Halide Replacement
Ambient Op Temp -40C to +80C
98% Transmission High Purity PMMA Optics
Multiple LED Banks for Heat Dispersion
135 Lumens Per Watt Efficiency
70% Lumen Retention after 80,000 Hours
CE Certified & RoHS Compliant
IP67 Rated Waterproof
UL1012 Compliant
UL60950-1 Compliant
Adjustable Tower Mount - 12'-20'
Adjustable LED Light Head
100' 6/3 SOOW Cord
Multiple Plug Options Available

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

Wiring: 100' 16/3 SOOW Cable

Fax: 1-903-765-7664

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

E-mail: sales@larsonelectronics.com

Made in Texas

The WAL-QP-20F-200LTL-LED-100 Quadpod Mounted LED Work Area Light from Larson Electronics offers reliable illumination in jobsites. This unit produces 27,000 lumens and is equipped with 100' of SOOW cable. This LED light tower is designed for portability and durable operation and ideal for use in demanding conditions. The tower is adjustable between 12' and 20'.

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

The WAL-QP-20F-200LTL-LED-100 is a quadpod mounted work area LED light and produces 27,000 lumens of high intensity light while drawing only 200 watts. Sixteen CREE high output LEDs producing 1,687 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 portable LED light is comprised of one adjustable LED light head 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 one 200-watt LED lamp producing 27,000 lumens of light attached to the top of the mini light tower. The GAU-LTL-200W-LED is an ideal replacement for fragile and hot running 400 watt metal halide lamps, offering increased durability, longer lamp life, and lower power consumption. The fixture is IP67 rated waterproof.

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.

Durability: As well as unparalleled heat control, the WAL-QP-20F-200LTL-LED-100 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 recommend these LED lights for use in 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 12' to 20' 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 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.

The LED light head on this unit is small enough to allow it to fit through large manholes and entry points. The LED light head can also be removed from the quadpod, the quadpod collapsed and the entire assembly passed through a manhole and reassembled once inside. This unit is multi-voltage capable and configured to operate on 120-277 volts 50/60 Hz. This LED light head retains 70% of its lumen output after 80,000 hours of use, far longer than incandescent or fluorescent lamps.

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)

There are no Fags



Image: WAL-QP-20F-200LTL-LED-100



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Product ID: 306630

Warranty: 60 Months.

Export Control Classification Number (ECCN): EAR99

Options:

WAL-QP-20F-200LTL-LED-100-Beam Spread-Cord Cap-Voltage

Example: WAL-QP-20F-200LTL-LED-100-10SP-5.15-5300K

Beam Spread	
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

Voltage	
COOL WHITE	-5300K
WARM WHITE	-4000K



Links (Click on the below items to view):

- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/306630.PDF>)
- **Wiring Diagram**(<https://www.larsonelectronics.com/images/product/WiringDiagram/306630.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/306630.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/306630.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/306630.JPG>)
- **HigResPic4**(<https://www.larsonelectronics.com/images/product/HigResPic4/306630.JPG>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
- **Shipping Time Map**(<https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf>)