

240W Portable LED Dolly Cart Quadpod Light Tower - 7.25' to 22' - (4) LED Lights, Adjustable Light Heads - Auto Brake

LM-DQP-22-8.8-4S-4XWP60E-50C

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



LM-DQP-22-8.8-4S-4XWP60E-50C LED Dolly Quadpod Light Tower

Lamp Technology: CREE® LED

Lamp Qty: (4)

Tower Dimensions: 7.25' to 22'

Weight: -

Voltage: 120-277V AC, 50/60Hz

Total Watts: 240W

Single-lamp Watts: 60W

Total Lumens: 21,600 lms

Single-lamp Lumens: 5,400 lms

Luminous Efficacy: 90 lm/w

LED Life Expectancy: 50,000+ hours

Color Temp: 5600K

Color Rendering Index: 80

Beam Angle: 60° Vertical, 75° Horizontal

Lighting Configuration: Flood Beam

Power Efficiency: >95%

Power Factor: 0.992

Amperage: 2A @ 120V, 1A @ 240V, 0.86 @ 277V

Ambient Temp Range: -50°C to +70°

Lamp Materials: Cast Aluminum Housing, Polycarbonate Lens

Mounting: Dolly Cart w/ (2) Rubber Tires

Operation: (1) Manual Hand Crank Winch w/ Auto Brake

Outriggers: (4) 37.75" - Retractable

Tower Cable: 3/16" Aircraft Cable

Cord: Power Cord w/ General Area Cord Cap

Cord Cap Options: 5-15 Straight, 6-15 Straight, L5-15 Twist, L6-15 Twist, UK BS1363, Intl. Schuko, Pigtail

Quick Summary

7.25' to 22' Mast

Metal Halide Replacement

45 mph Wind Resistance

Waterproof/Vapor Proof LED Lamps

Impact/Vibration Resistant LED Lamps

50,000+ Hour LED Life

ETL Approved for Wet Locations

IP68 Waterproof

Special Orders- Requirements

Contact us for special requirements

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The Larson Electronics LM-DQP-22-8.8-4S-4XWP60E-50C LED Dolly Cart Quadpod Light Tower offers 21,600 lumens of intense illumination in a portable assembly. The temporary lighting solution, which fully extends to 22 feet and retracts to 7.25 feet for storage, consists of four, 60-watt

LED lamps. Constructed of aluminum, the LED tower features automatic braking during deployment and four outriggers for stability on rugged terrain. Optional glare shields are available for dark sky compliance, which can be used during sports activities on the field.

The LM-DQP-22-8.8-4S-4XWP60E-50C is a portable lighting solution for outdoor locations, industrial facilities and temporary sites. This unit consists of four 60-watt LED lamps producing 21,600 total lumens, which are mounted on a dolly quadpod cart with two rubber tires. The tower can be extended to 22 feet and retracted to 7.25 feet for storage. An automatic braking feature secures the position of the mast without manual locking. Capable of withstanding 45 mph winds, the unit is supported by outriggers for stable deployment.

An optional glare shield is shipped with this light. The glare shields can be used for dark sky compliance if needed during use, such as during sports activities on the field and outdoor events. The light heads are adjustable vertically and horizontally.

LED Lights: Each LED light produces a long flood beam of light while drawing only 0.5 amps at 120V AC. The light assembly consists of six LEDs paired with high purity specular optics to produce a wide light distribution overpowering that of a 500 watt quartz flood lights. This light is constructed of three angled boards that helps provide a wider spread. Instead of the light only shining forward, the center board is concentrated to go straight out while the boards on the side are 45° offset. This LED wall pack is designed to withstand demanding conditions and is waterproof, vapor proof, and built to resist the damaging effects of an outdoor environment.

LM-DQP-22-8.8-4S-4XWP60E-50C lights are ideal replacements for fragile and hot running metal halide lamps. They offer low power requirements, high durability and a versatile mounting system that makes these LED lights a superior lighting solution for demanding applications where power and reliability is critical. The heavy duty design and high power of these LED lights also makes them suitable for a wide array of applications including but not limited to: high mast lighting, light towers, light plant LED retrofits, military, mining, industrial manufacturing, machine visioning, security and law enforcement, commercial structure illumination, sport complexes, billboards, race tracks, and parking lots to name a few.

Durability: Each LED light consists of six LEDs housed within a waterproof aluminum housing that is powder coated for added durability and resistance to corrosion. The housing incorporates integral cooling fins for efficient heat dissipation and increased LED longevity. The LED lamp assembly is protected by a shatterproof polycarbonate lens which is secured to the housing with a waterproof seal. A 1/2" waterproof connector provides a secure and sealed power connection point and rounds out this unit's weather resistant construction.

[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/Plug: This LED light tower is equipped with a power 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.

Quadpod Tower: The LED lamps are mounted on a dolly quadpod with two rubber tires. This system is capable of reaching heights up to 22 feet for effective coverage and collapsed to 7.25 feet for storage. The tower is constructed of lightweight aluminum and can be elevated using an included manual hand crank winch with a 3/16" galvanized steel cable. An automatic braking safety feature stops the tower from retracting without needing to lock the position manually into place. For extra stability, four retractable outriggers measuring 37.75" each can be extended in a diagonal `X` configuration.

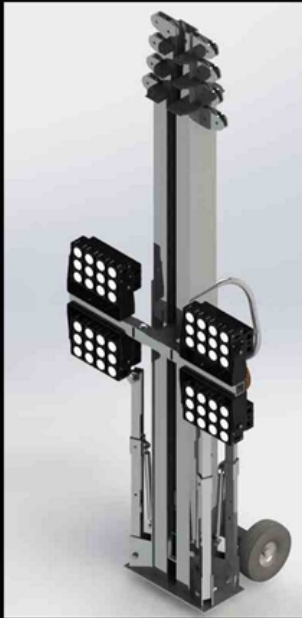
The entire tower assembly is shipped via common freight carrier and when shipped weighs approximately 375 lbs. Larson Electronics can custom tailor these units to the customer's requirements with longer sections and larger mounting plates. For example, the LM-25 is a light tower model that reaches a length of 25 feet, with a 15 foot lower section, 10 foot upper section and a 4 foot wide upper mounting bracket. We also offer a choice of either the manual 1,000 lbs hand winches included standard or optional electric winches.

Suggested Applications: Temporary lighting, sports lighting, concerts, field lighting, outdoor conferences, stadium lighting, outdoor illumination, portable deployment, construction sites, and security camera deployment. We can equip this mast with 1000W or 1500W Metal Halide lights or a wide variety of high powered LED lights with comparable power, including the [LED10WSA-160](#), [LEDLB-200X2E](#), [LEDLB-160X2E](#) or [LEDLB-80x2E](#).

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 877-380-2939 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

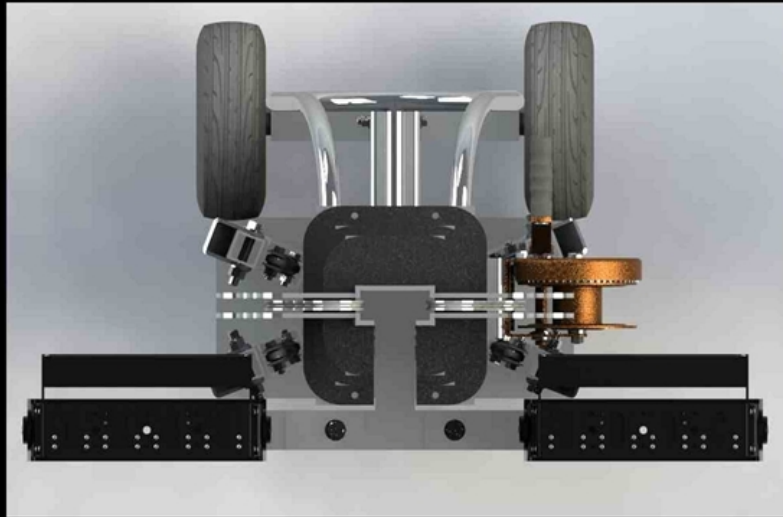


Frequently Asked Questions (FAQ)









Options:

LM-DQP-22-8.8-4S-4XWP60E-50C-Cord Cap

Example: LM-DQP-22-8.8-4S-4XWP60E-50C-5.15

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](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)