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LED10W-1X4LT

Portable LED Light Tower w/ Telescoping Light Heads - 4, 10-Watt LEDs - Rechargeable Battery Powered

Product ID: 49476

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.

LED10W-1X4LT Portable LED Light Tower

Power: 12VDC
Battery: AGM Lead Acid, 12VDC, 33 amp hr, 500 Cycles

Lamps: 4- 10 watt LEDs, IP68 Rated
Total Lamp Watts: 40 watts
Tower: Adjustable Aluminum 8 Feet Total Height
Case: Built in Handle with Fold Away Supports
Dimensions: 24”-H 13.5”-W 6.5”-D Weight-35lbs
Total Lumens: 3200

Charging: 115VAC AC Charger

Ratings: FAA, DOT, CAB, IA, TA Approved Air Transport
Mounting: Portable Tower

Run Time: Up To 10 Hours on Single Charge

Certification

FAA, DOT, CAB, IA, TA
NCHRP Report 476 Section 2.5.2

MUTCD Section 6E

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

Made in the USA

The LED10W-1X4LT LED light tower is a fully portable and rechargeable unit and

produces a wide flood of light ideal for use on construction sites and emergency scenes. This light tower offers a long list of features including versatile power and recharging options and provides a highly portable lighting solution that is ideal for use as flagger illumination, utility lighting, underground illumination, and anywhere a versatile, lightweight, rechargeable LED light tower is needed.

The LED10W-1X4LT LED light tower is a self contained and portable light tower package that offers high power and extreme portability in a compact and durable design. This unit produces 3200 lumens that covers an area 150 feet long and 150 feet wide and can run for up to 10 hours on a single full charge of its onboard batteries. Optional spotlight configurations produce a light beam reaching up to 675 feet in length. This LED light tower includes four 10 watt LED lights mounted to a telescoping aluminum mast that can be adjusted to 8 feet in total height. The entire package measures 24" high x 13.5" wide x 6.5" deep, making it very easy to stow and deploy.
This unit weighs only 35 lbs and includes a built in handle easy transport around the deployment area. There are no loose parts and all connections are already secured with no need for additional wiring. When fully deployed, this unit will withstand high winds and can be extended to a total of 8 feet in tower height for optimal illumination of the target area.



Click Photo to Enlarge

The LED10W-1X4LT portable light tower incorporates impressive features including:
Power: AGM sealed lead acid battery, 33 amp hour 12 VDC deep cycle with included charging unit. 500+ charge cycles or 300+ full discharge cycles or 3-5 year life cycle. This unit offers various power options, including an internal battery pack and use as an external battery pack with an included special plug. An included AC charger (wall charger) allows operators to easily recharge the battery from normal wall outlets. This portable tower also accepts low voltage input from vehicles and other battery packs to power the light or charge the battery. A DC port (cigarette plug socket) allows users to power other DC devices, in effect allowing this unit to double as a portable 12VDC power supply. Push-to-test volt meter built in to front panel for monitoring battery charge conditions.
LED Light Bars: This tower includes four 10 watt LED light heads producing a total of 3200 lumens These LED lights are IP68 rated waterproof to three meters and constructed of extruded aluminum with polycarbonate lenses for the ultimate in durability. The LED assembly is mounted to the tower via adjustable mounts which allow operators to adjust the angle and placement of the light heads in any direction. A single retractable cord provides power from the battery to the LED light head. Other configurations are available for higher powered spot and flood beams. For example, this LED light can be configured with our LED10W-6R for 5.5 hours run time and 4800 lumens, while covering an area 400 feet long and 350 feet wide in flood mode (additional costs apply). Contact sales@larsonelectronics.com for special ordering options.
Telescoping Tower: The aluminum telescoping tower on this unit is comprised of five sections and extends and locks into place much the same as a camera tripod. The user simply loosens the locking clamps on the telescoping tower, extends it to the desired height, and then retightens the clamps to lock it into position. The

user can extend the tower to 8 feet in total height. Additional tower stability is provided by collapsible polyethylene legs that provide a 30 inch support base when deployed. Stable surfaces and/or normal conditions do not require the extendible base.
Case: The simple case on this unit contains all the operating equipment and is designed with a built in carrying handle for easy transport. The user simply collapses the tripod and support legs, locks them into place, and the unit is then ready for stowing or transport. A simple push to test meter on the front of the case provides fast charge level notification. The entire package measures 24” high x 13.5” wide x 6.5” deep.
Additional Features:
Optional Spot Beam Optics Angle: 10 degrees (create a narrower, longer, distance oriented beam)
Standard Flood Beam Optics Angle: 35 degrees (creates a shorter, wider, diffused beam)

ONCHRP Report 476 Section 2.5.2 and MUTCD Section 6E compliant for illumination, visibility and temporary lighting. This light meets the requirements for nighttime traffic control for highway maintenance and construction for flaggers.

Option to order unit with infrared LED light heads in the 850 or 940NM ranges. FAA, DOT, CAB, IA, and TA approved for air transport.

Superior LED Benefits

1. 50,000+ hour lifespan.
2. Cool operation.
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. No lenses or filters to reduce output.
9. Vibration/impact resistant.
10. Compact size.
11. Less frequent outages, higher output.

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Frequently Asked Questions (FAQ)

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POS
POS
NEG
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12 Volt DC Power Port
For Increased Safety, Flasher Light Should Face Oncoming Traffic
Warning:

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LED10W-1X4LT
Product ID: 49476

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:
LED10W-1X4LT-Beam Pattern
Example: LED10W-1X4LT-SP

Beam Pattern	
SPOT	-SP
FLOOD	-FL

Links (Click on the below items to view):

- MSDS (Material Safety Data Sheet
- Operations Manual
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- Video1
- Video2
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map