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WAL-16LED-BP-IR

Infrared LED Light Tower - 2, 24 Watt LEDs - 3' to 8' Extendable Tower - Rechargeable Battery

Product ID: 49540

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-16LED-BP-IR Portable Infrared LED Light Tower
Power: 12VDC
Battery: AGM Lead Acid, 12VDC, 33 amp hr, 600 Cycles
Lamps: 2- 24 watt Infrared LEDs, IP68 Rated
Total Lamp Watts: 48 watts
Tower: Adjustable Aluminum 3-8 Feet Total Height
Case: Pelican Style Watertight with Wheels and Handle
Dimensions: 22"-H x 9"-L x 14" W - Weight-48lbs
Total Lumens: 2880 Infrared Equivelent
Charging: 5 Hour charge time, 115VAC Built in AC Charger
Ratingsl: FAA, DOT, CAB, IA, TA Approved Air Transport
Mounting: Portable Tower with 2- 3 Foot Outriggers
Run Time: Up To 8.25 Hours on Single Charge at Full Power
Operating Temp: -40 F/C and + 185F / 85C

Certification
CE Certified
EN55015 EMI
EN61547 EMS
EN62471 Photobiological Safety

Special Orders - Special Requirements
Contact us for special requirements

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Made in the USA

The WAL-16LED-BP-IR infrared LED light tower is a fully portable and rechargeable unit and produces an infrared flood of light that can only be seen through the use of night vision equipment designed to register infrared light. This light tower offers a long list of features including versatile power and recharging options and provides an extremely rugged infrared lighting solution that is ideal for use in commercial and industrial security applications as well as military and law enforcement environments.

Click here to see the LED version of this

The WAL-16LED-BP-IR infrared 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 the infrared equivelent of 2880 lumens and can run for up to 8.2 hours on a single full charge of its onboard batteries. This infrared LED light tower includes two 24 watt infrared LED lights mounted to a telescoping aluminum mast that can be adjusted from 3 to 8 feet in total height. The entire package weighs 48 pounds and measures 22 inches tall by 9 inches in length by 14 inches wide, making it very easy to stow and deploy.
This portable infrared LED light tower is designed to be easily deployed and can be set up in less than thirty seconds after a single practice run to familiarize yourself with its operation. Approximately the size of a carry on suitcase, this unit weighs only 48 lbs and includes a collapsible handle and wheels for easy transport around the deployment area. The heavy duty Pelican style case contains all of the operational equipment and provides secure protection against damage from impacts and contaminants when closed. When fully deployed, this unit will withstand 65 mph 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

Click Photo to Enlarge

The WAL-16LED-BP-IR portable infrared light tower incorporates a long list of impressive features including:
Power: AGM sealed lead acid battery, 12 VDC deep cycle with built-in charging system and a 600 charge life cycle or 3-5 year life cycle. This unit offers 4 power options, including an internal battery pack, the ability to allow AC recharging while in use, and use as a jump and carry external battery pack with an included special plug. A built in AC charger (wall charger) allows operators to easily recharge the battery, even while in use. 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. Included LED indicators provide operators with the current battery charge conditions.
LED Light Bars: This tower includes two 24 watt infrared LED light heads that are IP68 rated waterproof to three meters and constructed of extruded aluminum with polycarbonate lenses for the ultimate in durability. Each LED unit is controlled by a separate switch, allowing operators to use the lights together or independently based on lighting requirements and desired battery run time. Two LED light bars will run 8.25 hours, while a single infrared LED emitter will run 16.5 hours. The LED light bar emitters are attached to the telescoping pole via an adjustable "T" style bracket. The LED light bars can positioned at various ideal angles and the assembly will hold that position until changed by the operator. A single coil cord provides power from the battery to the LED light heads.
Telescoping Tower: The aluminum telescoping tower on this unit is comprised of four sections and extends and locks into place much the same as a camera tripod. The user simply opens the case, folds out the telescoping tower and then locks it into position with a simple latching mechanism. The user can then extend the tower anywhere from 3 to 8 feet in total height and simply tightens the locking clamps to lock the tower in position. The mast from ground level to top of light is 8’. The actual pole is 6.5 feet long and the 18” case makes the total length 8 feet. Stability is provided by two stainless steel spring loaded aluminum support legs

that unfold from the case as well and are extended to 30 inches length and then locked into place. This tower and support system provides a stable light platform even in windy conditions up to 65 mph.

Watertight Case: All the components of this portable light tower stow away within the watertight Pelican style case. This case includes a carrying handle and wheels to provide easier transport around the deployment area and measures only 22 inches tall by 9 inches in length by 14 inches wide. There are no loose parts and all components fit within the case for easy transport. All parts and controls are easily accesible simply by opening the front of the case, with controls located at the top and the battery assembly at the bottom. The entire unit weighs only 48 pounds and can be easily stowed in back seats or behind the seat of a pickup truck. This easy opening case and collapsible tripod and support system results in a portable high power infrared light tower than can be deployed in less than thirty seconds after a single practice run.

Additional Features:

Battery and lights will function at -40 F/C and + 185F / 85C.
Battery charger has charge indicator to show level of charge.
One year replacement warranty on battery pack and charger.
Approved for continuous charging.
Rocker switch for internal and external power operation.
220V 50/60htz charger available.
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.

Made in USA Quality

1. Watertight Pelican Style Case
2. IP68 Rated LED Light Heads are Waterproof and Dustproof
3. Aluminum Tower Mast and Spring Loaded Aluminum Outrigger Legs.
4. Nothing To Wire or Connect. All Parts Contained Within Case.
5. 27 Hour Runtime on a Single Charge.
6. Integral Handle and Wheels for Easy Transport.
7. High Power LEDs Produce Equivelent of 2880 Lumens.
8. One Year Replacement Warranty on Battery Pack and Charger
9. Adjustable From 3 to 8 Feet in Height.

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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WAL-16LED-BP-IR

Product ID: 49540

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

Options:

WAL-16LED-BP-IR-Wavelength

Example: WAL-16LED-BP-IR-750NM

Wavelength	
750NM	-750NM
850NM	-850NM
940NM	-940NM

Links (Click on the below items to view):

- Dimensional Drawing 2D
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map