Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

SPLT-1.35K-LM30-EW-24V-4X150CPR-INV-BC-TLR

1.35 kW Solar Light Tower - 30' Mast, Electric Winch - 24V, (4) 150W LED Lamps, (4) 17 kWh Lithium Batteries, 6 kW Inverter - Trailer Mount

Product ID: 344510

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.

SPLT-1.35K-LM30-EW-24V-4X150CPR-INV-BC-TLR Trailer Mounted Light Tower

Light Mast Specs
Tower Length: 30`
Mast Head Length: -
Materials: -
Finish: White
Operation: Electric Winch
Cable: -

Solar Specs
Panes: (3) 450 Watt panels
Method of Deployment: Slider
System Voltage: 24 Volts
Battery Bank: 17 kWh Lithium Batteries
Battery Charger: Included
Inverter: 6 kW

LED Lamp Specs
Lamp Type: LED
Lamp Qty: (4) IP65
Total Watts: 600W
Single-lamp Watts: 150W
Total Lumens: 96,000 lms
Single-lamp Lumens: 24,000 lms
LPW: 160 lm/w
LED Life Expectancy: 50,000+ hours
Color Temp: -
Lighting Configuration: Flood Beam
Ambient Temp Range: -
Lamp Mounting: Adjustable

Trailer Specs
Materials: -
Trailer Dimensions: -
Hitch: 2" Ball Hitch
Towing Speed: 60 MPH
Axle: Single
Brakes: Mechanical

Quick Summary
30` Light Mast
(4) Stabilizers
62.5 mph Wind Resistance
Electric Operation
(4) 450 Watt Solar Panels w/ Sliders
Fully Solar, No Fuel Needed
Battery Charger
50,000+ Hour LED Life
IP65 Waterproof Lamps
Battery Charger

Stabilizers: (4) Manual
Tires/Rims: 15"

Weight: +-2866 lbs
Shipping: Common Freight
Shipping Dimensions: 8`-L x 8`-W x 12`-H
Shipping Weight: +-600 lbs
Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The Larson Electronics SPLT-1.35K-LM30-EW-24V-4X150CPR-INV-BC-TLR solar powered LED light tower provides a safe and effective way for operators to quickly deploy intense LED illumination to elevations up to thirty feet. This solar light plant features a telescoping light tower with four LED light fixtures. The unit has three 450 watt solar panels and a 17 kWh capacity battery bank. The entire assembly is mounted onto a single axle trailer, allowing operators to transport this solar light tower from location to location.

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

Solar Powered Light Tower: This solar light tower includes solar panels, solar charging system, battery bank, battery charger, inverter and electric mast mounted on trailer. This system delivers 24 volts for lighting mounted atop the 30` telescoping light mast.

The SPLT-1.35K-LM30-EW-24V-4X150CPR-INV-BC-TLR is supported by a lithium battery pack, equating to 17 kWh battery capacity. A battery charger provides flexibility during deployment, which allows operators to supply power to the batteries using an external power source. This feature is useful for fast turnaround projects, sustaining extended periods of illumination and remote sites that lack adequate exposure to sunlight.

Light Mast: This telescoping light mast from Larson Electronics is designed to allow operators to quickly and safely deploy the four LED light heads in locations where this equipment must be elevated to heights up to 30` for effective coverage. This light boom can be extended to 30` above the trailer floor for maximum area coverage, and collapsed for applications where a smaller footprint is required. The mast is extended to its full height using an electric winch.

LED Light Fixtures: This solar light plant is equipped with four 150-watt LED lights. Each LED light provides 24,000 lumens of output. A flood beam angle ensures wide-area illumination at the work site. The LED lights are IP65 waterproof rated for outdoor use. Each LED light is equipped with an adjustable bracket for light head positioning.

LED Technology: 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.

Solar Panel Assembly: This unit is comprised of three 450-watt solar panels, generating a total maximum output of 1.35 kW. The panels are mounted securely on a sliding assembly.

Trailer Assembly: The entire assembly is mounted to a single axle trailer. The two wheel trailer is equipped with 15" tires. Four stabilizers mounted to the corners of the trailer allow operators to level the trailer and provide stabilization during deployment.

Applications: Remote work locations, construction sites, military bases, camping sites, outdoor events, security applications, emergency services, outdoor lighting, portable lighting 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.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Video1**(https://www.youtube.com/watch?v=1VKkJrvElic)
- **Video2**(https://www.youtube.com/watch?v=1hYX1f97CiE)
- **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)