

SUNRAY™

LTS 160N

SOLAR LIGHT TOWER

ADVANCED SOLAR LED LIGHTING MADE SIMPLE

A silent, environmentally friendly solar light tower with proprietary engineered LED drivers and power technologies delivers superior efficiency, longer runtimes, and brighter illumination with minimal energy use and maintenance.

The **Sunray™ LTS 160N Solar Light Tower** was designed for autonomous operation with a solar-and-battery powered system and an intuitive touchscreen controller. Operators can simply switch the control on/off or program custom schedules. With no engine, there's no fuel, no noise, no refuel trips, and virtually no maintenance or mechanical skills required.

The **Tilt & Point phone app** simplifies setup by guiding trailer and solar panel positioning for maximum sunlight and power consumption—eliminating guesswork.

Proprietary engineered LED drivers deliver continuous power to four heavy-duty, adjustable LED fixtures mounted on an adjustable, rotating 20-foot mast. Operators can choose from three brightness settings—36,000 lumens (low), 73,000 lumens (medium), or 109,000 lumens (high)—to balance light output and battery life. Designed for maximum efficiency, the high-performance lamps provide bright, reliable illumination with minimal light loss.

From simple setup to smart controls and high-performance LED efficiency, the LTS 160N provides unmatched convenience, continuous power and dependable illumination wherever it's needed. Advanced solar lighting made simple.



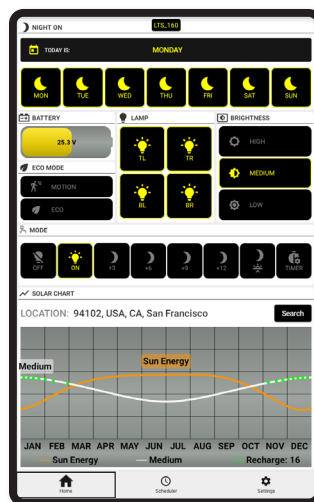
FEATURES

- Four high-efficiency, high-output, dimmable LED light fixtures
- Battery-powered and 100% solar-charged (no fuel, no fuel bills, no fuel trips)
- ZERO Emissions or Noise
- Virtually maintenance free
- Solar energy charting to calculate light consumption and light tower performance
- Intuitive touchscreen controller eliminates the guesswork from scheduling
- ECO and motion sensor on/off to manage light use
- Easy solar panel setup

INTUITIVE PROGRAMMABLE TOUCHSCREEN CONTROLLER

FEATURES

- Easy, automatic On/Off operation
- Flexible scheduling: monthly, weekly, daily, and hourly
- Select one, two, three, or all four lights
- Dusk-to-dawn operation with optional dusk +3, +6, +9, or +12 hours
- Dimmable LED light brightness settings (low, medium & high)
- ECO Mode for extended battery life
- Advanced GPS-based programming—solar energy charting to calculate light consumption and performance



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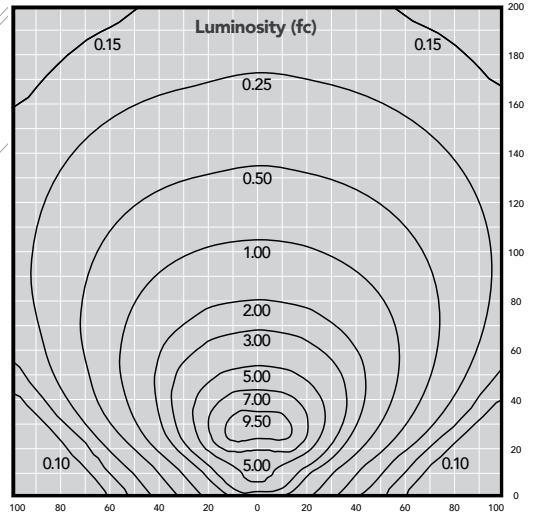
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SPECIFICATIONS

Lamps	Four dimmable 160W LED fixtures	
Dimmer (brightness)	Three brightness settings	
Luminous flux, lumens*	Fixture	Total
High (100% brightness)	27,200	108,800
Med (67% brightness)	18,133	72,533
Low (33% brightness)	9,067	36,267
Coverage area*	36,210 sq ft (3,364 m ²)	
Acres	0.8312 acres	
Lamp orientation	Each lamp turns and tilts 90°–180°	
Lamp control	All four lamps can be turned on individually	
Light scheduling	Daily and Weekly, Monday through Sunday	
Light mode options	On/Off, Dusk + 3, +6, +9, +12 hours, Dusk to Dawn	
Light timer	Advanced programmable scheduling	
Power draw	160 watts per light fixture	
Batteries	Six AGM sealed, 12 Vdc, wired as a 24-volt system	
Battery capacity	600 Ah total	
Collectors	Three 250 W (335 W actual)	
Solar power	1600 W	
AC charger	40 A, 24 V	
Mast height	234 in (594 cm)	
Deployed footprint (L × W)	129 in × 125 in (328 × 317 cm)	
Travel footprint (H × L × W)	101 in × 129 in × 61 in (257 × 328 × 155 cm)	
Weight (approx.)	2,250 lb (1,020 kg)	

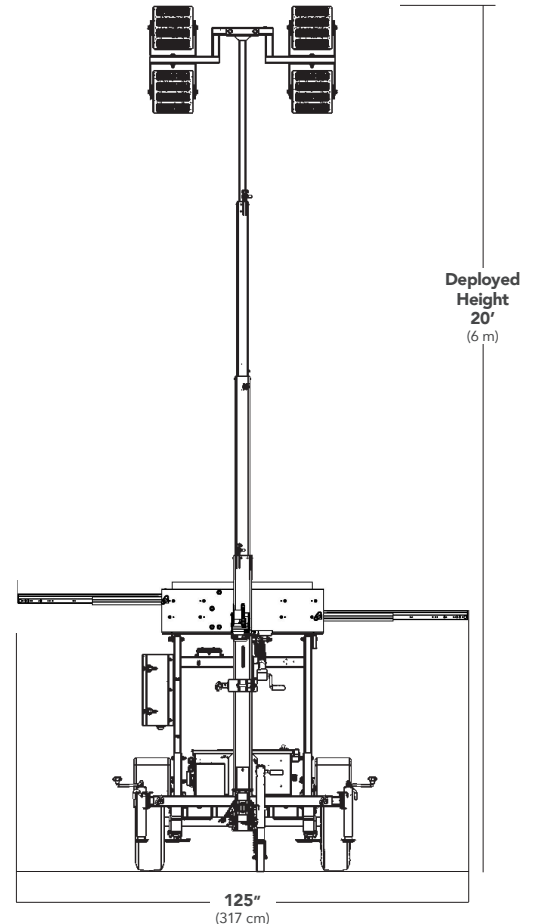
*Based on 170 lm/watt
 **Total coverage ≥ 0.5 fc with lights at 20 feet, 100% brightness, and fixtures tilted down 15° from vertical.
 Due to improvements in our engineering, design and parts, specifications are subject to change any time without notice.



SINGLE LIGHT TOWER ISOLINES

Lamps	Four 160-watt LED fixtures
Brightness	100%
Lighting height	20 ft.
Luminous flux	108,800 per tower
Lighting area	200 × 200 ft (61 × 61 m)
Total coverage**	36,210 sq ft (3,364 m ²) 0.8312 acres

Deployed



DIMENSIONS

Travel Position

