

SUNRAY™

LTS 300

SOLAR/HYBRID LIGHT TOWER

WITH PROGRAMMABLE TOUCHSCREEN CONTROLS

Proprietary engineered LED drivers and power performance technologies deliver superior power-efficiency, longer runtimes, brighter illumination with minimal, intelligent energy consumption and maintenance



HYBRID POWER SOLUTION PROVIDES CONTINUOUS LIGHTING OPERATION

The Sunray™ LTS 300 Solar Hybrid Light Tower offers a balanced solution for providing uninterrupted lighting operation.

Seamlessly switching between diesel and solar powering modes, this light tower delivers up to 163,200 lumens for demanding lighting applications regardless of geographic condition. Solar power ensures functionality even in low-light conditions, as the automatic diesel generator kicks in to recharge batteries, ensuring continuous operation.

On top the 20-foot telescoping tower are four heavy-duty, easy to adjust LED light fixtures which house high-efficiency, high-output LED lamps. These high-performance light fixtures are designed to maximize light utility with very little “lost” light.

Proprietary engineered LED drivers provide efficient, continuous power to the LED lamps. Operators have complete control over the brightness vs. battery performance by

choosing from three brightness settings—54,400 lumens, 108,800 lumens, or the full 163,200 lumens.

The new touchscreen tablet controller for the LTS light towers provides operators with a highly customizable scheduling tool while also offering easy-to-use manual operation.

Program daily and weekly schedules (Monday through Sunday) by simply selecting days and the desired Mode, including *Auto-On/Off at dusk and dawn, dusk plus 3, 6, 9 or 12 hours*, or basic *dusk-to-dawn* operation. Or, program precise schedules for on/off operations, that require specific start and stop times, days, weeks, and months with the *Timer Mode*.

In addition, the new touchscreen tablet controller includes *Solar Chart*, an application built to provide insight into power performance based factors like geographical location and power & lamp settings.

FEATURES

- Hybrid Solar and Engine battery charging
- Self-starting and stopping
- Four high-efficiency, high-output dimmable LED light fixtures
- Intuitive touchscreen controller eliminates the guesswork from scheduling
- ECO and motion sensor on/off to manage light use
- Solar energy charting to calculate light consumption and light tower performance

APPLICATIONS:

Versatile lighting solutions for diverse settings and industries



TRAFFIC



CONSTRUCTION



MINING



UTILITIES



SECURITY



EVENTS



RENTAL



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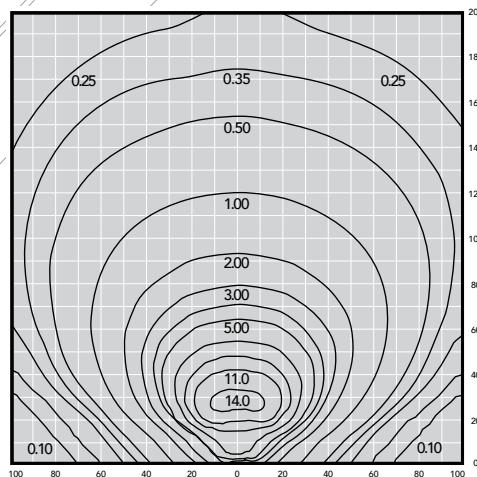
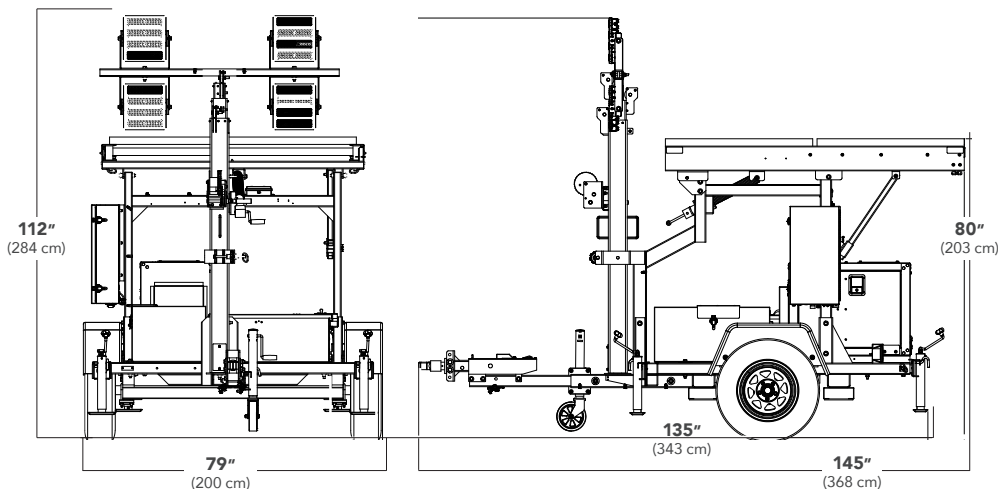
SPECIFICATIONS

Lamps	Four dimmable 240W LED fixtures	
Dimmer (brightness)	Three brightness settings	
Luminous flux, lumens*	Fixture	Total
High (100% brightness)	40,800	163,200
Med (67% brightness)	27,200	108,800
Low (33% brightness)	13,060	54,400
Coverage area*	48,229 sq ft (4,480 m ²)	
Acres	1.107 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	240 watts per light fixture	
Batteries	AGM sealed, wired as a 24-volt system	
Battery capacity	600 Ah total	
Collectors	Three 330 W	
Solar power	990 W	
AC charger	40 A, 24 V	
Mast height	234 in (594 cm)	
Deployed footprint (L x W)	135 in x 143 in (343 x 363 cm)	
Travel footprint (H x L x W)	112 in x 145 in x 79 in (284 x 368 x 200)	
Weight (approx.)	3,400 lb (1,542 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.

DIMENSIONS

Travel Position



SINGLE LIGHT TOWER ISOLINES

Lamps	Four 240-watt LED fixtures
Brightness	100%
Lighting height	20 ft.
Luminous flux	156,480 per tower
Lighting area	200 x 200 ft (61 x 61 m)
Total coverage**	48,229 sq ft (4,480 m ²) 1.107 acres

Deployed

