2M® TECHNOLOGY
DESIGNED FOR LIFE

2MSLT-3400

Solar-Powered Light Tower Trailer with 3 Panels



Features

- Features 3 x 400W solar panels, providing a stable and reliable power supply for remote or off-grid applications.
- Delivers high-intensity illumination with a total light output of up to 64,000 lumens.
- Includes 1200 Ah maintenance-free battery for up to 30 hours of continuous lighting; recharges from 50% to 100% in approximately 10 to 15 hours.
- Operates on a safe and energy-efficient DC 24V low-voltage power system.
- Equipped with a 24.6 ft telescopic mast with 360° rotation for full-area lighting coverage.
- Built on a single-axle trailer designed to meet Australia / Europe / North America standards.
- Fitted with forklift pockets for easy transportation.
- Noise-free operation, no engine noise or exhaust emissions.
- Eliminates fuel costs by using 100% renewable solar energy.
- Easy to maintain and clean.
- Compact, mobile design allows for quick setup and deployment.
- Optional electric tilting head available.

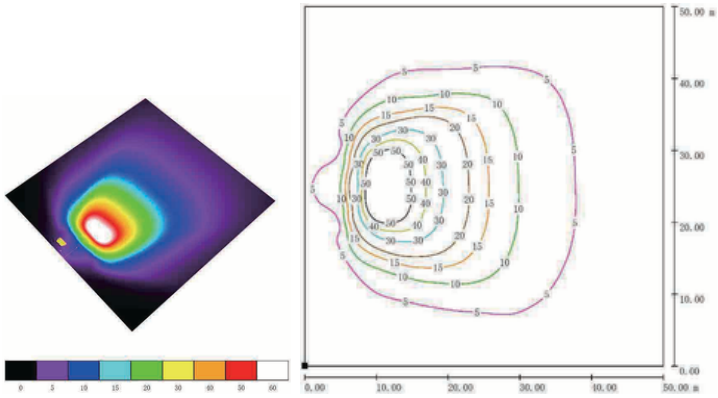
Applications

- Mining operations
- Construction sites
- Utility areas
- Special outdoor areas
- Military zones
- Airports
- Seaports
- Emergency lighting solution

Specifications

TRAILER	
Solar Panels	3 × 400W (1,200W total)
Batteries	8 × 150Ah Gel
Power System	DC 24V
Trailer Type	Single Axle
Mast Height	24.6 ft (7.5 m)
Mast Type	Manual
Mast Rotation	360°
Lifting Method	Forklift pockets
Transport Dimensions (L × W × H)	11.07 × 5.05 × 9.07 ft (3.37 × 1.54 × 2.76 m)
Deployed Dimensions (L × W × H)	11.07 × 10.04 × 24.60 ft (3.37 × 3.06 × 7.50 m)
Weight	2,645.55 lb (1,200 kg)
Certifications & Standards	ISO8528-5-2005; GB/T2820.5-2009 EN60204/1; Directive2006/42/EC
LIGHTING	
Lights	4 × 100W LED
Lumen Output	64,000 lm
Active Illumination Area	0.252 acres @ 5 lx
Average Area Illuminance	8.37 lx across the target coverage zone
Total Coverage Area	164 × 164 ft (50 × 50 m)

Light Distribution



REV 11/09/2026

802 Greenview Drive, Grand Prairie, TX 75050 | Ph: (214) 988-4302 | Fax: (972) 999-4113 | sales@2MTechnology.net | Visit Us at www.2MTechnology.net