

light on your work



TRIME

Lighting Towers



TRIME knows that the market needs a SOLAR lighting tower which is innovative, long lasting and safe. X-SOLAR has been developed starting from the necessity of all markets all over the world to have a cost-saving alternative to diesel. Providing powerful illumination, saving money and manpower, with no emissions and noise, preventing any danger of fluid spillage. The efficiency of the project has been studied for operation in Europe - London /Middle East - Dubai/Australia - Perth. The X-SOLAR Lighting tower, thanks to its AGM high efficiency battery pack can work safely and without maintenance. The 4 extendable solar panels ensure optimum charging performances and easy positioning. Highly Cost-Saving, the unit works self-sufficiently 8 hours/day, 7 days/week in Europe-London, while in December/January 5 days/week. In areas with higher efficiency of solar radiation, like in Middle East and Australia, it works 8 hours/day, 7 days/week. Illuminating a real area of 2400 sqm with high efficiency LED Lights and ZERO Emissions, ZERO Noise and ZERO Fuel.

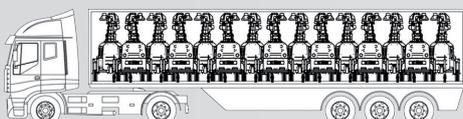
APPLICATIONS

-  Special events
-  Rural & hard to reach areas
-  Construction & work sites
-  Gas, oil & mining operations
-  Military applications
-  Parking areas



-  8 m
-  Kg1500
-  340°
-  2400 sqm
-  battery

- Multi-directionally adjustable and tiltable floodlights
- 7 sections hydraulic vertical tower 8 m, 340° rotatable
- Galvanized metalworks
- 80 µm powder coating
- forklift pockets for effective handling
- Plug & play, colour coded cables and connectors
- Guided main coiled cable to avoid damage during tower operation
- Certified wind stability up to 80 km/h
- 4 height adjustable stabilizers + front jockey wheel
- On board levels for guidance during stabilization
- No. 8 batteries AGM, Battery Pack 24VDC 800Ah
- EU Homologated Road-tow trailer
- VICTRON controller for Tracking and Telematics e remote management

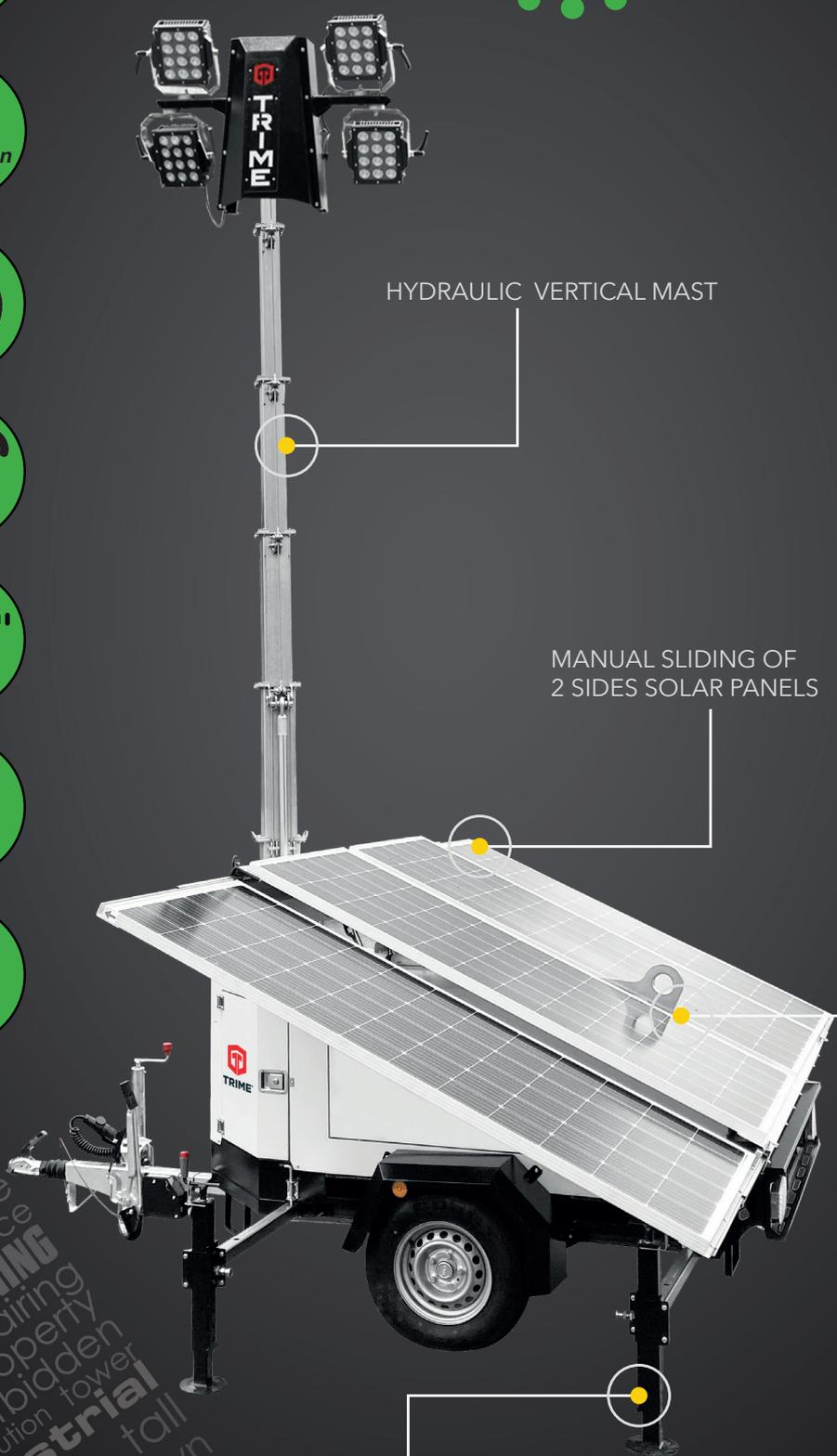


4
Units Per Truck



You can place 4 units on a single vehicle thanks to one of the compactest footprint on the market.

LED
TECHNOLOGY
2400 sqm



HYDRAULIC VERTICAL MAST

MANUAL SLIDING OF 2 SIDES SOLAR PANELS

SWIVEL CENTRAL LIFTING EYE

4 ADJUSTABLE AND EXTENDABLE STABILIZERS

own construction site
building maintenance
project repairing
structure property
construction forbidden
tower caution tower
structure city
industrial tall
repairing site
downtown site
building tower
progress town
essing

technical data

Dimensions & weight

Dimensions min. (mm)	3360x2138x2522
Dimensions max (mm)	3360x4150x8000
Total weight	Kg1500

Floodlights

Type	LED
Power (each)	100W
Floodlights number	4
IP level	65
Illuminated area (5 lux min.) (sqm)	2400

Mast

Lifting method	Hydraulic
Maximum Height	8 m
Maximum Wind Speed	80 km/h
Rotation	340°

Batteries

Type	AGM <i>sealed - maintenance free</i>
Batteries number	8
Power Battery pack	24V DC 800 Ah
Expected battery cycle	500

Solar Panel

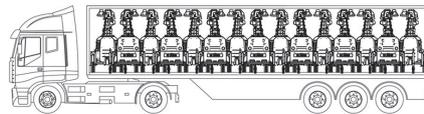
Power (each)	360 W
Type	4xVictron
Solar panel deployment	manual
Solar charge control	MPPT 150/60

Running Time with Solar charge

All year round

Standard load delivery

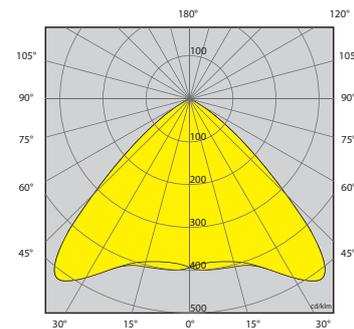
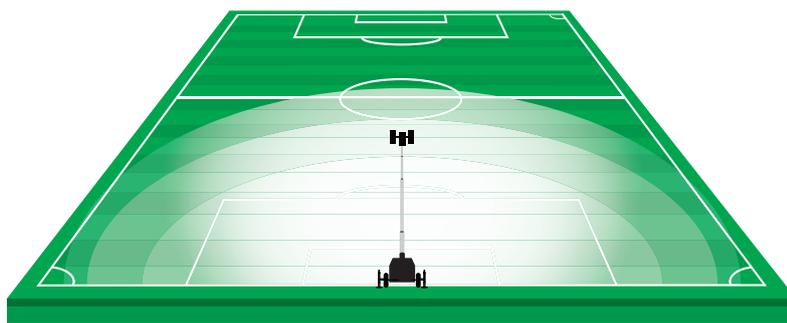
4 sets



Units Per Truck

Illuminated area

REAL 2400 sqm



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