









Our engineers know that the market needs a Solar lighting tower that is innovative, long lasting and safe. The X-Solar has been created beginning from these characteristics. It is the best solution to your needs and guarantees REAL 2400 sqm of illuminated area. 4 units can be loaded on a standard truck. To all of this, we add the technology that allows you to have maximum efficiency and cost reduction. We provide the highest quality of mobile solar lighting in the market. Towers are designed for every application and severe working condition. ZERO Co2 Emission, ZERO Noise level and ZERO Odours. The best GREEN footprint.

APPLICATIONS

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



9 m



Kg1523



340°



2400 sqm



battery

- Multi-directionally adjustable and tiltable floodlights
- 7 sections manual vertical tower 8,5 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 110 km/h
- 4 height adjustable stabilizers + front jockey wheel
- On board levels for guidance during stabilization
- No. 4 Batteries AGM 24 V DC 400 Ah



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



SAFETY MANUAL VERTICAL MAST

MANUAL INCLINATION OF SLIDING SOLAR PANELS

4 ADJUSTABLE AND EXTENDABLE STABILIZERS

own construction site
building maintenance
project repairing
structure property
construction forbidden
lower caution tower
structure city
industrial
recycling site
downtown
building
progress
forbidden city
industrial
recycling site
downtown
building
progress

technical data

Dimensions & weight	
Dimensions min. (mm)	3824X1800X2730
Dimensions max (mm)	4320X3170X9000
Total weight	Kg 1523

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

Mast	
Lifting method	Manual
Maximum Height	8,5 m
Maximum Wind Speed	110 km/h
Rotation	340°

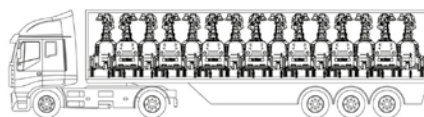
Batteries	
Type	AGM
Batteries number	4
Power Battery pack	24V DC 400 Ah
Expected battery cycle	500
Battery life time	25500 h

Solar Panel	
Power	1005 W
Type	3xLG335
Solar panel deployment	manual
Solar charge control	MPPT 24V 40A
Average daily electricity production from the gives system (with references in Dubai area)	4,3kWh

Optional	
Hydraulic mast	

Standard load delivery

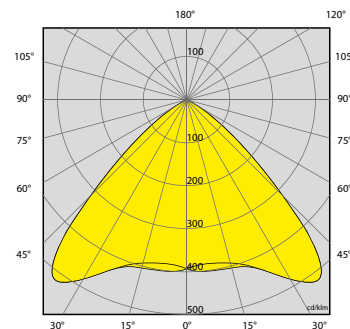
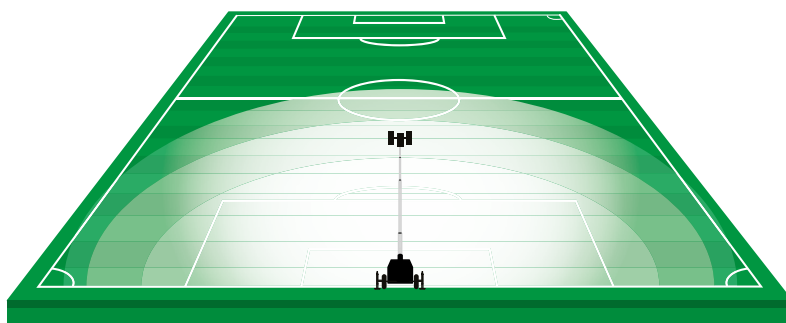
4 sets



Units Per Truck

Illuminated area

REAL 2400 sqm



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