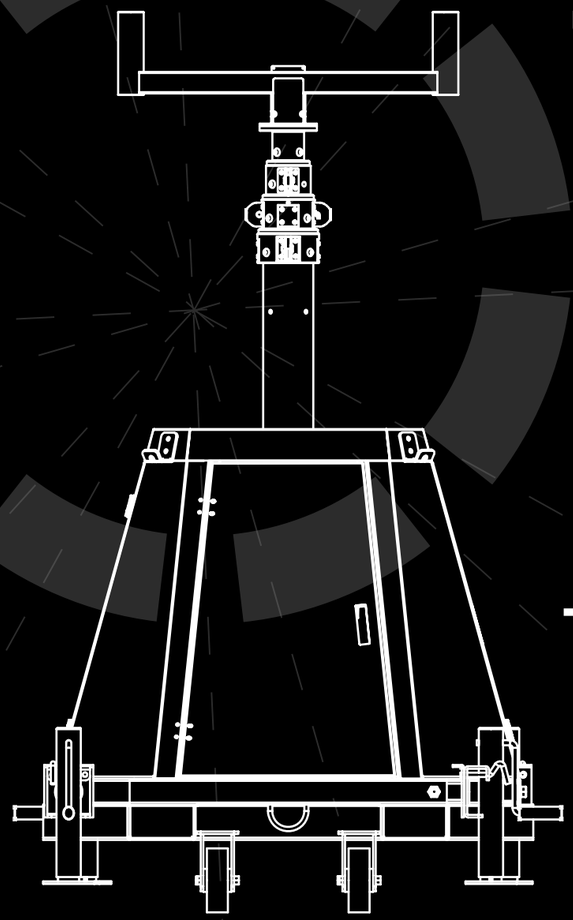
REMOVABLE DOUBLE MAST HEADS





TWINKO
Mobile Solar Light Tower

TWINKO mobile solar light tower provides versatile temporary lighting. It's ideal for construction sites, natural disasters, and mining operations. The double heads can be assembled with SUNLIKE 20W/30W and SUNLIKE PRO 30W. TWINKO light tower can be easily transported from location to location.

SOLTECH®
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For more information, please visit our website:
www.soltechlighting.com

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APPLICATIONS

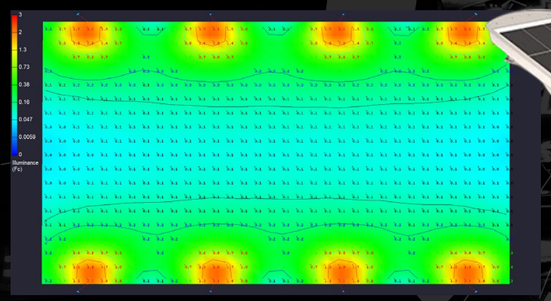
TWINKO Mobile Solar Light Tower

REMOVABLE DOUBLE MAST HEADS

Unlike other construction site light towers, TWINKO has removable double mast heads for storage. SOLTECH provides solar light fixtures for every application. At 16 feet high, TWINKO creates a wider illumination area that is ideal for parking lots, construction sites, mining camps, events, roadwork, and more.

LIGHTING FIXTURE OPTIONS
- SUNLIKE PRO 30W *X1* 6,000 lumen
- SUNLIKE 20W *X1* 4,000 lumen
- SUNLIKE 20W *X2* 8,000 lumen

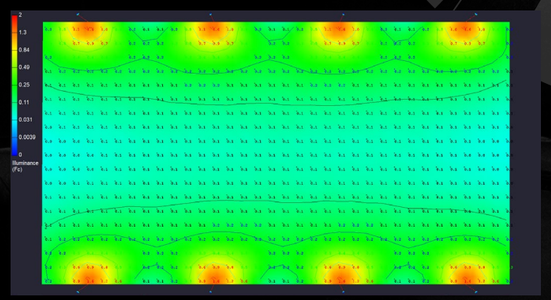
(SOLAR FIXTURE NOT INCLUDED)



OPTIONS
- SUNLIKE PRO 30W X1 6,000 lumen
- SUNLIKE 30W X1 6,000 lumen

(SOLAR FIXTURE NOT INCLUDED)

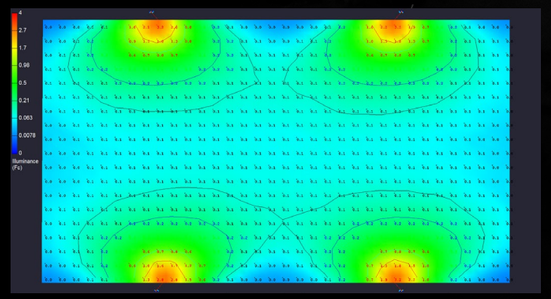
(Eight Light towers on a regulation soccer field)
Lights: Eight 30-watt fixtures
Light Height: 16 ft.
Lighting Area: 400X250 ft.
Luminosity: 0.35 f/c average across the entire area
Both SUNLIKE PRO 30W & SUNLIKE 30W provide the same luminance, but SUNLIKE PRO is designed for colder weather with the superior battery pack.



OPTIONS
- SUNLIKE 20W X1 4,000 lumen

(SOLAR FIXTURE NOT INCLUDED)

(Eight Light towers on a regulation soccer field)
Lights: Eight 20-watt fixtures
Light Height: 16 ft.
Lighting Area: 400X250 ft.
Luminosity: 0.25 f/c average across the entire area
SUNLIKE 20W lights up the same coverage area with a darker luminosity. This option is more affordable and high cost-performance rate.



OPTIONS
- SUNLIKE 20W X2 8,000 lumen

(SOLAR FIXTURE NOT INCLUDED)

(Eight Light towers on a regulation soccer field)
Lights: Eight 20-watt fixtures
Light Height: 16 ft.
Lighting Area: 400X250 ft.
Luminosity: 0.25 f/c average across the entire area
SUNLIKE 20W lights up the same coverage area with a darker luminosity. This option is more affordable and high cost-performance rate.



SOLTECH
Smart Solar Lighting

FEATURES

Flexible Range of Visibility
- 150 AH, 1,500 W integrated gel-battery ensures 120 cycles of raising and lowering the mast, one charge lasts an entire month.
- 16 foot tower height provides a wider range of illumination area.

Heavy Duty Guarantee
- Aluminium mast, 4 sections, 16 ft max.
- Electrical winch rated to 3,000 lbs with limit sensor, DC 12V

Clean, Quiet & Environmentally Friendly
- No generator emissions
- Quiet and produce no exhausts
- Direct alternative to diesel, gas, or electric grid

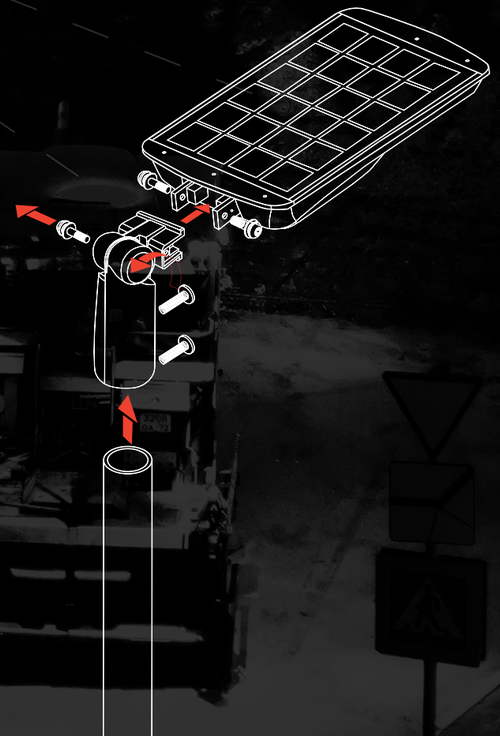
Easy Deploy & Move
- Forklift pocket, base 1m x 1m (40 in x 40 in, matches a standard pallet)
- 4 manual stabilizer legs

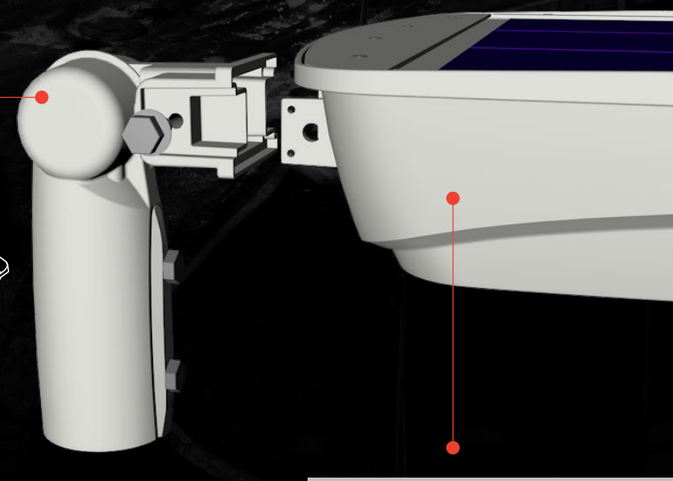
Lower Costs
- No trenching, cabling, electricity nor diesel costs
- Zero emission of greenhouse gases

Meet Specific Lighting & Operating Requirements
- 120VAC input plug
- SUNLIKE mounting accessories included
- Creates a wider illumination area at 16 ft high

SLIP FITTER

Adjustable angle for the fixture head allows maximum solar collection and self-cleaning of the solar panel surface

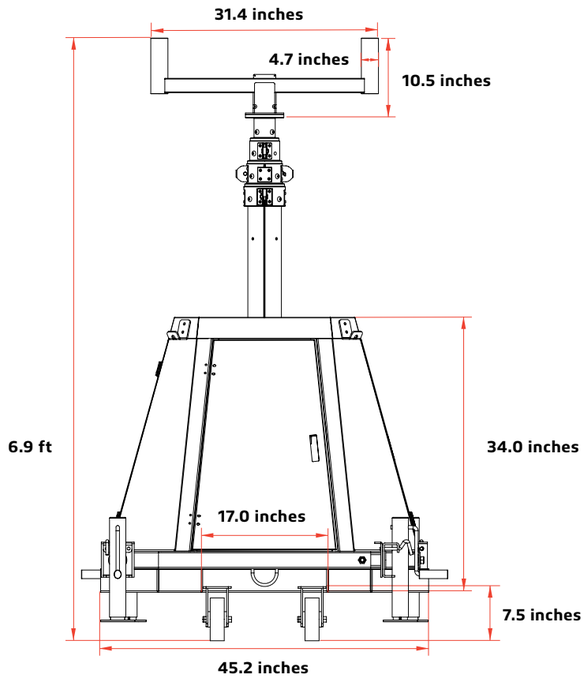


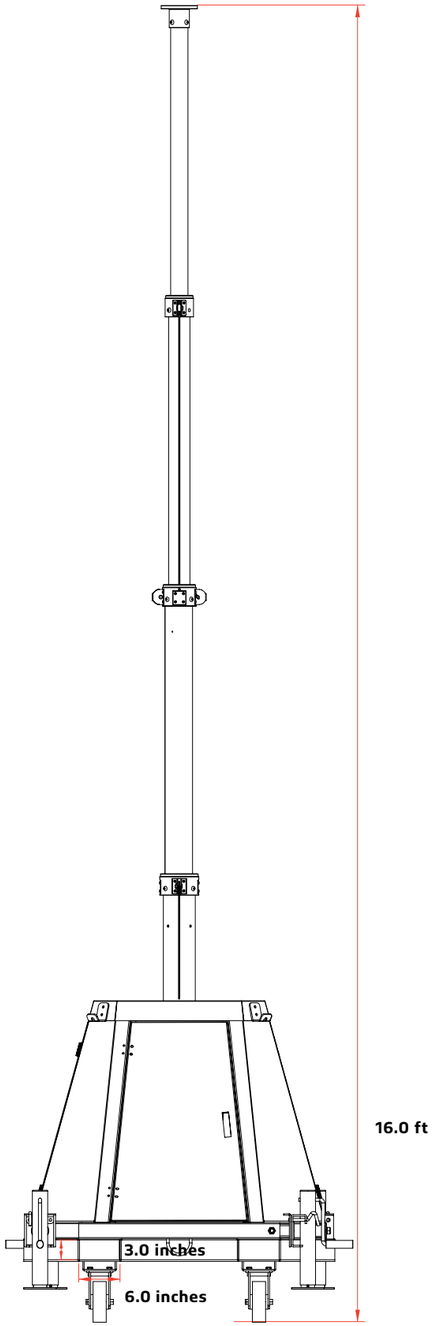


SUNLIKE reduces total cost of ownership, and delivers high performance. This fully-integrated LED solar area light is designed for both residential and commercial areas, in two different lumen outputs: 4000lm and 6000lm. SUNLIKE provides superior quality light over a greater area. The integrated solar array, battery, and LED fixture simplifies mounting, for fast and easy installation. SUNLIKE eliminates trenching, cabling, electricity, and diesel fuel costs.

DIMENSIONAL DRAWINGS

TWINKO Mobile Solar Light Tower





SPECIFICATIONS & PERFORMANCE

TWINKO Mobile Solar Light Tower

SPECIFICATIONS	TWINKO
MAX HEIGHT	16.0 ft (Without Luminaire)
COLLAPSED HEIGHT	6.9 ft (Without Luminaire)
MAST MATERIAL	Steel
MAST PROFILE	Round
MAST SECTIONS	4
OPERATION	Electric Winch 3000 Lbs, DC12V
BATTERY	GEL 12VDC 150AH, 1,200 Cycles Of Raising And Lowering The Mast Per Charge
CHARGER	1,500W 120VAC Input
MAST MAX LOAD	88 Lbs
MAX WIND SPEED	90 mph
WARNING STRIPS	Included
LIFT LIMIT STOPPER	Included
LIFTING EYES	X 4
FORK POCKETS	Included
WHEEL	Included (With Brake)
MAST FLANGE	Included
WEIGHT	1,210 Lbs (Without Luminaire)
DIMENSIONS	45.2 inches X 45.2 inches X 83.0 inches (Collapsed Without Luminaire)

* The above parameters are for reference only. Please refer to IES and DLC documents for details. Soltech is continually improving its products. Specifications may change without notice.

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LUMINAIRE SPECIFICATIONS

TWINKO Mobile Solar Light Tower

SPECIFICATIONS	**SUNLIKE** 20W	**SUNLIKE** 30W	**SUNLIKE PRO** 30W
LED NOMINAL POWER	20	30	30
SOLAR PANEL	18V 36W	18V 52W	18V 52W
BATTERY	256WH 12.8V 20AH $LiFePO_4$	384WH 12.8V 30AH $LiFePO_4$	320WH 12.8V 25AH Superior
WEIGHT	21.4 Lbs	29.8 Lbs	47.1 Lbs
LUMEN OUTPUT@5000K	4,000	6,000	6,000
IP RATING	IP65	IP65	IP65
CRI	CRI > 70	CRI > 70	CRI > 70
CASTING	ALUMINUM	ALUMINUM	ALUMINUM
EFFICIENCY@5000K	200 LM/W	200 LM/W	200 LM/W
LED CHIP	Lumileds 5050 (215 LM-CR>70)	Lumileds 5050 (215 LM-CR>70)	Lumileds 5050 (215 LM-CR>70)
*CHARGING TIME	7 Hrs	7 Hrs	11 Hrs
RUN TIME (@FULL POWER)	10 Hrs	10 Hrs	10 Hrs
OPERATION MODE	REMOTE CONTROL AND ONE-KEY SETTING	REMOTE CONTROL AND ONE-KEY SETTING	REMOTE CONTROL AND ONE-KEY SETTING
INSTALLATION HEIGHT	9 to 16 ft	9 to 20 ft	9 to 20 ft
*OPERATING TEMPERATURE	-4 °F to 122 °F	-4 °F to 122 °F	-40 °F to 140 °F
*CHARGING TEMPERATURE	32 °F to 149 °F	32 °F to 149 °F	-40 °F to 140 °F

* The temperature can impact the battery's charging and normal operation. If your site's temperature is under 32°F, we advise you to use the SUNLIKE PRO model to achieve better lighting results.

* The solar charge time data is based on 77 degree F ambient temperature with the panel pointed directly at the solar radiation. The standard radiation value is 1000W/m².

* The above parameters are for reference only. Please refer to IES and DLC documents for details. Soltech is continually improving its products. Specifications may change without notice.

PRODUCT NUMBER BUILDER

Example: STLWR01ESTLSTC20T33SFGY2

This means the customer wants a Solar Mobile Tower Twinko, SUNLIKE 20W, Type III, 3000K CCT, Slip Fitter installation, with a Gray finish and 2 Fixtures.

TOWER	FIXTURE						
	SERIES	WATTAGE	OPTIC TYPE	COLOR TEMPERATURE	MOUNTING OPTIONS	FINISH	FIXTURES OTY
STLTWR01E=TWINKO Solar Mobile Tower	**STLSTC**=SUNLIKE **STLSTCPRO**=SUNLIKE PRO	**20**=20W 4000 Lumens (only for SUNLIKE) **30**=30W 6000 Lumens	**T2**=TYPE II (only for SUNLIKE 30W SUNLIKE PRO 30W) **T3**=TYPE III **T4**=TYPE IV (only for SUNLIKE 30W SUNLIKE PRO 30W)	**3**=3000K **4**=4000K **5**=5000K **6**=5700K	**SF**=Slip Fitter	**GY**=Gray	**1**=1 **2**=2 (only for SUNLIKE 20W)

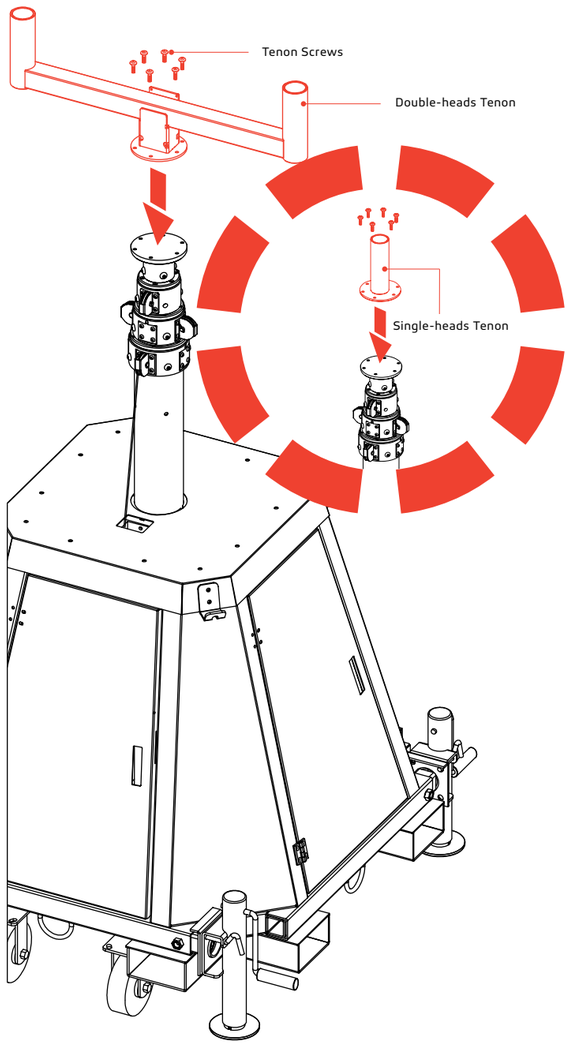
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MOUNTING ACCESSORIES **TWINKO** Mobile Solar Light Tower

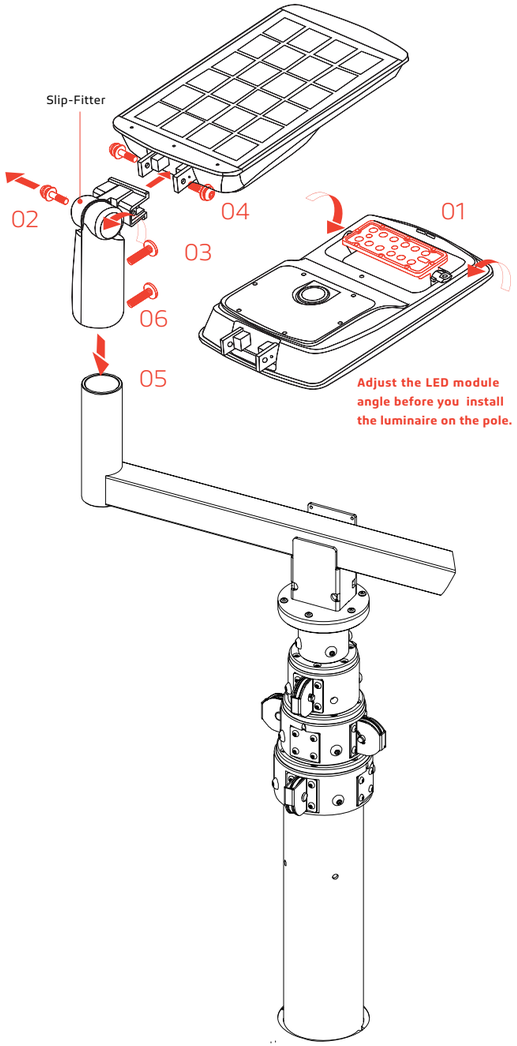
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01. Install Tenon

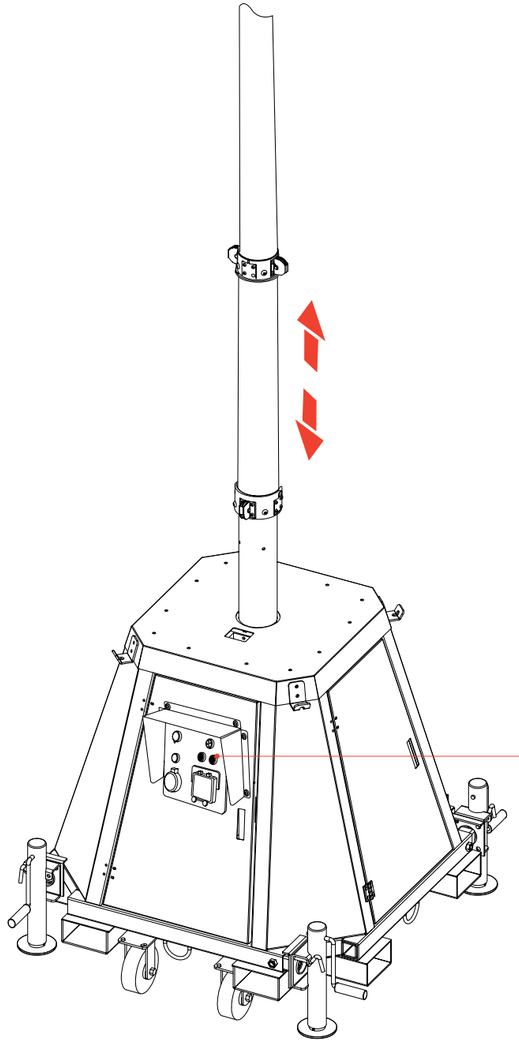


Install Tenon on the top of the pole.

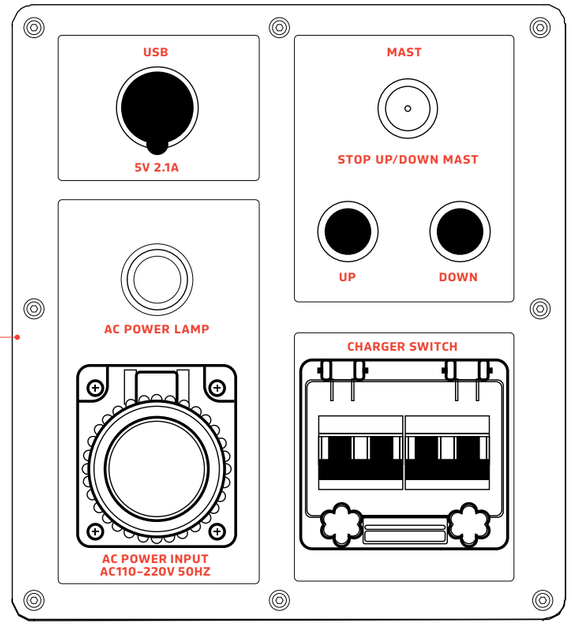
02. Install Luminaire



03. Adjust The Pole Height



Press the UP and DOWN buttons on the control board to adjust the pole height.



Control Board

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