SOLTECH
Smart Solar Lighting
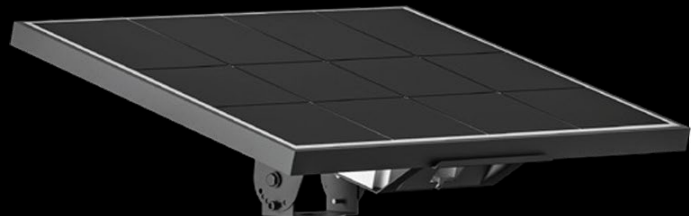
SPOTLINE SOLAR-POWERED LED FLAG LIGHT

15W I 30W

[DUSK TO DAWN ILLUMINATION]

[EASY AND FAST INSTALLATION]

[BEAM ANGLE AVAILABLE FROM 25° TO 65°]

[UP TO 38 HOURS (3 NIGHTS) ON FULL CHARGE]

HIGH LUMEN · IP65 · LM79 · WET LOCATION · MSD · UN38.3 · Level 12 WIND TEST · 5 Year Warranty

APPLICATIONS

SPOTLINE Solar-Powered LED Flag Light is a solar-powered system designed for signs, flags, windsocks, landscape accents, and any other architectural features. It is an efficient, budget-friendly fixture with multiple distribution patterns and provides an excellent light output.

DESCRIPTION

SPOTLINE Solar-Powered LED Flag Light system comes complete with a self-contained solar power assembly sized to run the specified solar light fixture. There is no need for an extra power source, which eliminates the need for trenching, wiring, and electricity costs. With a two piece design solution for the panel and lighting engine, these fixtures can easily provide up to 3+ days of operation on a full charge.
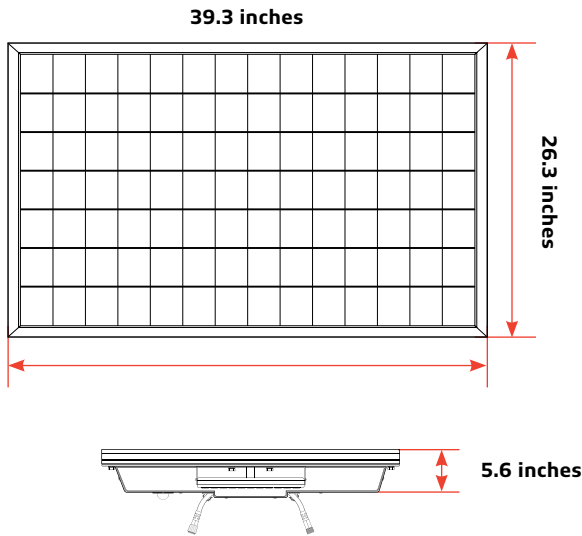
Each fixture provides the needed lighting levels and distribution pattern to give the perfect lighting solution to meet the application's requirements.
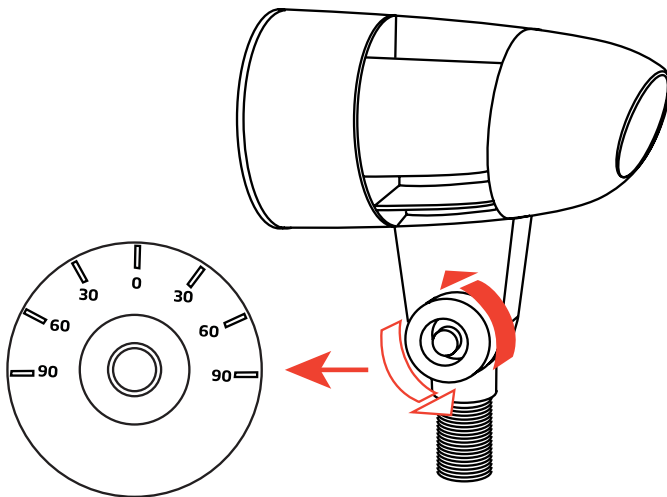
![SOLTECH logo] **SOLTECH** — Smart Solar Lighting

SPOTLINE SOLAR-POWERED LED FLAG LIGHT 8W I 15W

CATALOG		COMMENTS
PROJECT		
PREPARED BY		
DATE		

PRODUCT SIZE

39.3 inches

26.3 inches

5.6 inches

FEATURES

Low Maintenance & Smart Design
· Easy installation and operation
· Die cast A380 aluminum fixture housing is rust-free
· Dusk to dawn illumination.
· Provides different lighting levels and distribution
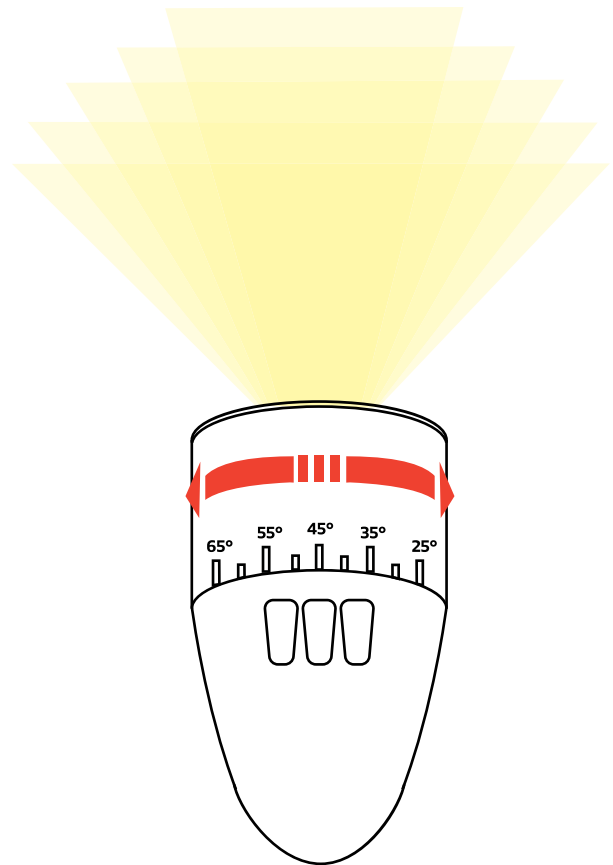 patterns. Beam angle is available from 25° to 65°.

Generates More Solar Energy
· Two-piece design for the solar panel and Light allows
maximum solar collection.
· Cold-weather battery withstands frigid climates up
  to -30°C/-22°F

High Brightness, Smart Power Consumption
· 190lm/W—the highest efficiency in the industry
· Smart MPPT Controller
· Up to 38 Hours (3 nights) on full charge

ADJUSTABLE LIGHT ANGLE

30 0 30
60   60
90   90

65° 55° 45° 35° 25°

SOLTECH
Smart Solar Lighting

SPOTLINE SOLAR-POWERED LED FLAG LIGHT 8W I 15W

CATALOG		COMMENTS
PROJECT		
PREPARED BY		
DATE		

PRODUCT SPECIFICATIONS

LIGHT FIXTURES	
LED Nominal Power	2 X 15W I 1 X 30W
Lumen	2 X 2,850LM | 1 X 5,700LM
Color Temperature	3000K | 4000K | 5000K
Beam Angle	25° | 35° | 45° | 55° | 65°
Efficiency@5000K	190LM/W
Material	Die-Cast Aluminum
Cable Length	30 ft

BATTERY	
Operating Temperature	-30°C/-22°F to 140°F
Changing Temperature	-30°C/-22°F to 140°F
Capacity	54AH 691WH
Operating	12.8V

SOLAR PANEL	
Model	Mono-Crystalline 18V 115W
Size	39.3" X 26.3"
EPA@30°	5.2

MPPT CONTROLLER

- Maximum Power Point Tracking (MPPT) is a technique for tracking and regulating the output energy from the solar panel to the battery.
- Measures the solar panel output voltage and current in real-time and continuously tracks the maximum power.
- Regulates the output voltage so that the system can always charge the battery with the maximum power.
- Significantly improves the solar system energy utilization rate, with a conversion efficiency up to 97%.
- Increases the solar system's charging efficiency by at least 20% compared to Pulse Width Modulation (PWM)

* The temperature can impact the battery's charging and normal operation.

* The solar charge time data is base on 77 degree F ambient temperature with the panel pointed directly at the solar radiatio The standard radiation value is 1000W/m^2.

ORDERING INFORMATION

SERIES	WATTAGE	COLOR TEMPERATURE	FINISH
STL-SP0 =SPOTLINE	15=15W 30=30W	3=3000K 4=4000K 5=5000K	GY=Gray BK=Black

	-		-		-	

Example: STL-SP0303BK
This example product number is for SPOTLINE 30 watt, 3000K CCT, with a black finish.

SOLTECH
Smart Solar Lighting

SPOTLINE SOLAR-POWERED LED FLAG LIGHT 8W I 15W

CATALOG		COMMENTS
PROJECT		
PREPARED BY		
DATE		

SOLTECH
Smart Solar Lighting

1460 Park Avenue.
Emeryville, CA 94608 USA

soltechlighting.com