SOLTECH
Smart Solar Lighting

SOLTAB 10W

CATALOG		COMMENTS	
PROJECT			
PREPARED BY			
DATE			

APPLICATIONS

This LED solar flood light is a multifunction work light, as well as a solar energy power bank for your portable electronic devices. SOLTAB combines the best of a flood light and an Eco-friendly power bank.

DESCRIPTION

One of the most flexible solar fixtures to-date, the SOLTAB features a double-sided solar panel to maximize energy absorption, a radar sensor, constant light output, and a power bank that can be used with portable electronic devices. The LED fixture can be disconnected from the solar panel to allow maximum portability and convenience. The SOLTAB can also be mounted to the wall using the bracket. During installation, the solar panel can be separated from the fixture to accommodate for any urban or residential design. The light features both constant light modes and sensor modes that can be programmed using the buttons located on the light.

CERTIFICATION DATA

HIGH LUMEN · IP65 · WET LOCATION · MSDS · UN38.3

ORDERING INFORMATION

SERIES	WATTAGE	COLOR TEMPERATURE	MOUNTING OPTIONS	FINISH
STL-TAB=SOLTAB	**10**=10W 1000 Lumens	**4**=4000K **5**=5000K	**WM**=Wall Mount	**BK**=BLACK

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SPECIFICATION FEATURES

One Key Control
· Change the operating modes using the silicon rubber on/off button.

Multifunctional & Flexible
· The light can be used separately or connected to the solar panel with the water tight quick connector
· Use outdoor as a flood light or wall pack
· Use indoor as a desk light or emergency light
· Use as a portable work light or camping light
· Use as your power bank with solar recharging and a USB port

User-Friendly
· Tempered-glass laminated, reliable and durable for portable usage. Double-sided solar panel achieves a higher conversion efficiency.
· Tools-free rotator enables solar panel angle adjustment or light direction adjustment, with just bare hands

Ergonomic Design
· Clear Indicator of Battery Capacity: 25% 50% 75% 100%. It quickly shows the battery capacity at any time. Enables better planning for your activities
· Lenses for superior optical control, enhanced lighting efficiency and reduced glare

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PRODUCT SIZE

8.1 inches

13.6 inches

0.8 inches

6.5 inches

9.1 inches

1.3 inches
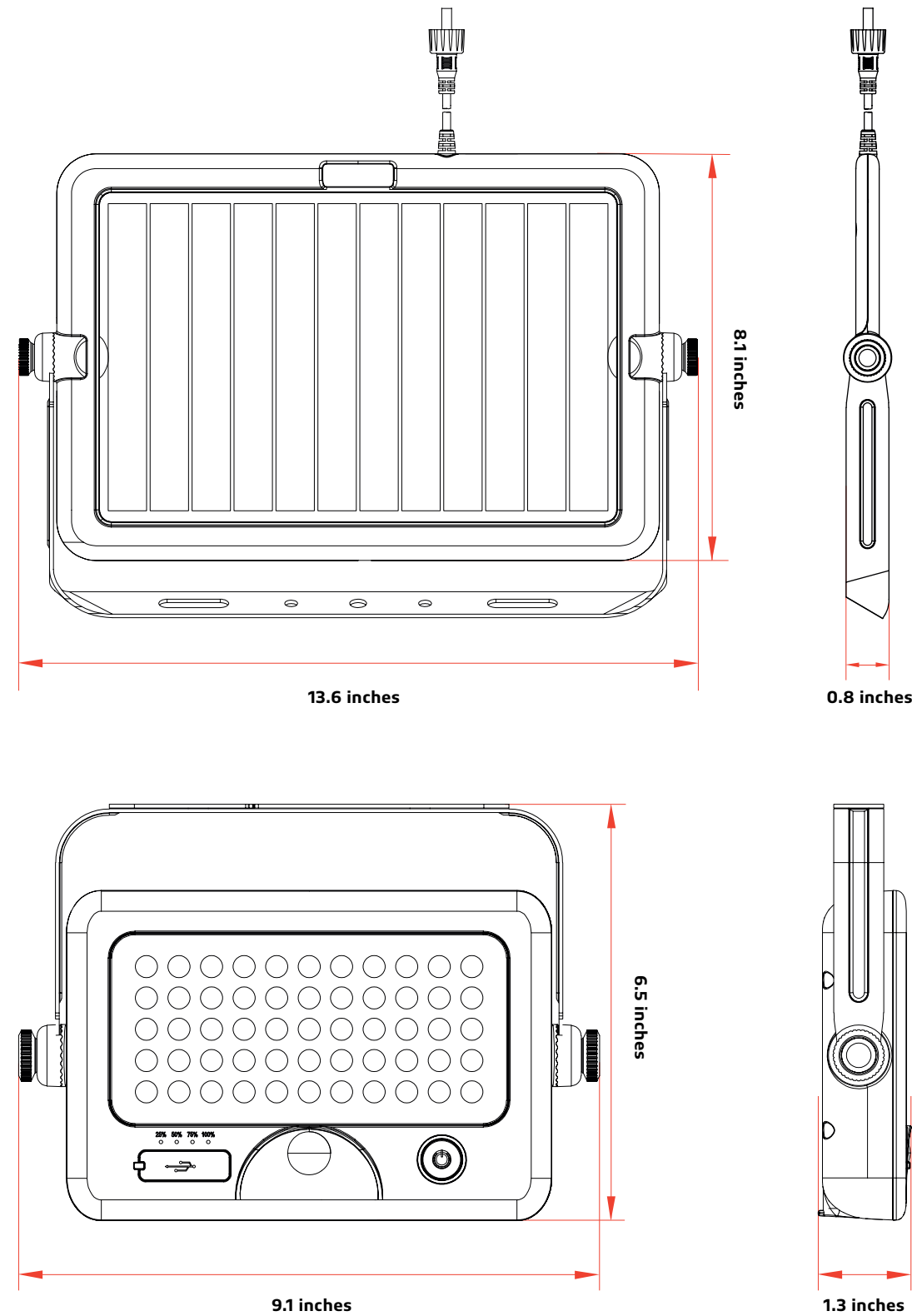
SPECIFICATIONS

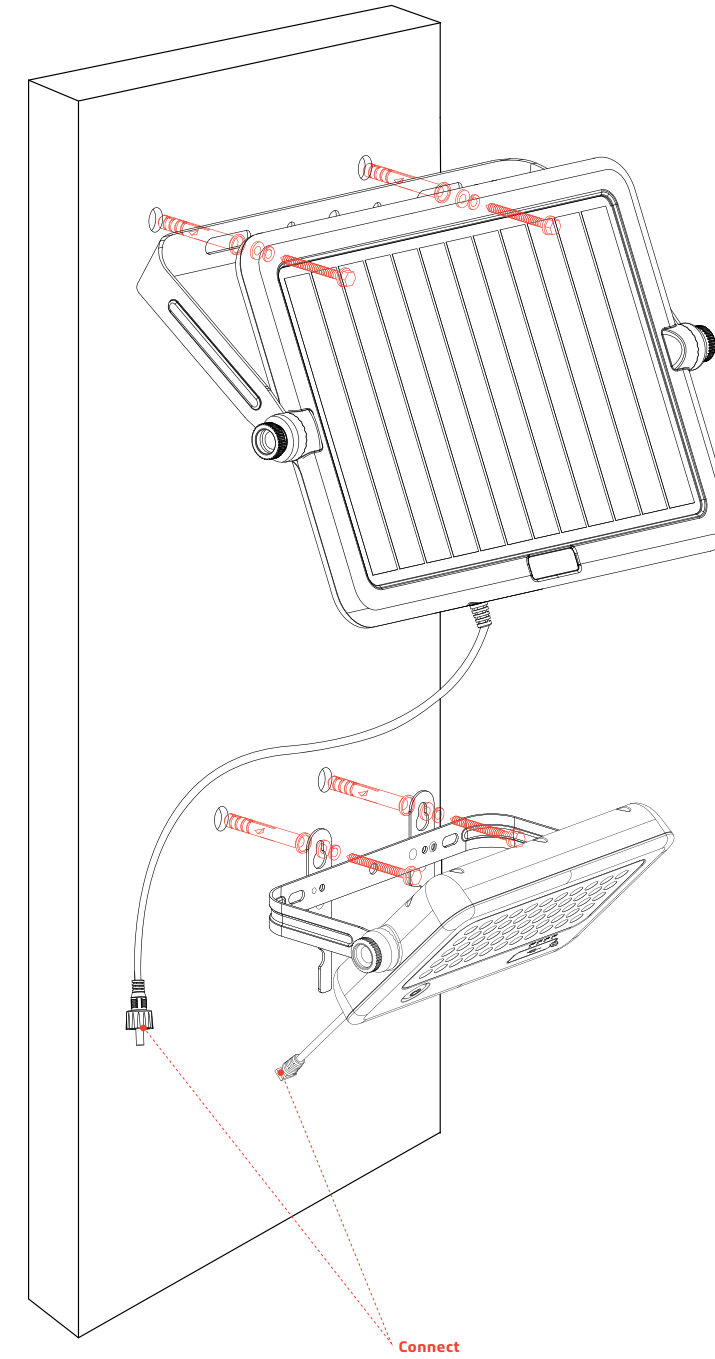|	
LED Nominal Power	10W
Solar Panel	Mono-Crystalline 6V 10W
Lithium Ion Battery	27WH 3.7V 7.2AH
CCT	4,000K & 5,000K
Lumen Output@4000K	1,100
CRI	> 70
Product Size	Solar Panel: 13.6 X 8.1 X 0.8 Inches Light: 9.1 X 6.5 X 1.3 Inches
Beam Angle	90°
Waterproof Rate	IP65
Casting	PC & Aluminum
Cable Length	9.8 ft
Efficiency@4000K	100 lm/W
*Charging Time	7hrs (1000W/m^2)
Run Time (@Full Power)	2–3 Days
Operation Mode	4 Operating Modes
PIR Sensor Angle / Distance	90° / 16–26 ft
*Operating Temperature	-5 °F to 113 °F
*Charging Temperature	32 °F to 149°F

* 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 radiation. The standard radiation value is 1000W/m².

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IES / BEAM

Lamp=1 210.9 lm
Max=531 cd/klm
Power=1 W
Multiplier=1.2109
Degrees=0

Type C

0
100
200
300
400
500

Point 0x0x0 mm

INSTALLATION

Connect
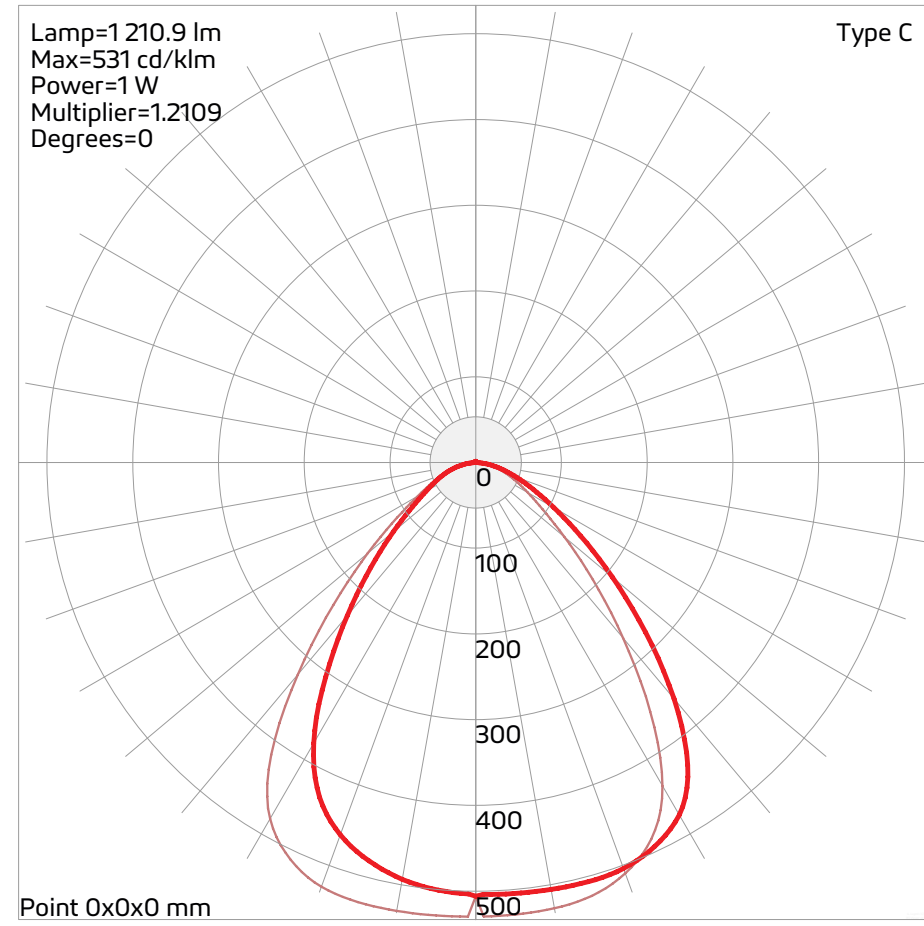
1. Take out all of the parts from the package. Confirm the installation location and wire length.

2. Use the card to mark hole positions, then drill 4 holes of 0.3 inch diameter and 2.4 inches depth.

3. Drive expansion screw into the holes leaving enough room to slide the brackets onto the screws. Then secure the Panel and Fixture.

4. Open the silicon cover at the bottom of the light, connect the cable from the solar panel to the cable from the light and screw together tightly.

5. Adjust the solar panel and LED light to the right angles according to the local latitude and the desired direction for the light.

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REMOTE CONTROLS

ACCORDING TO THE CONNECTION OF THE LIGHT AND SOLAR PANEL, THE LAMP WILL AUTOMATICALLY RECOGNIZE THE SENSOR MODE & CONSTANT LIGHTING MODE & POWER BANK FUNCTION.

Mode A: Constant Lighting Mode (Lamp separate with Solar Panel)
NOTE: Under this work model, the Radar sensor & Photocell induction will not work.

Mode A 01
Press 🔘 1st time for 50% Constant Brightness.

Mode A 02
Press 🔘 for a 2nd time for 100% Constant Brightness.

Mode A 03
Press 🔘 for a 3rd time to turn off.

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REMOTE CONTROLS

Mode B: Sensor Mode (Lamp body connected to Solar Panel)
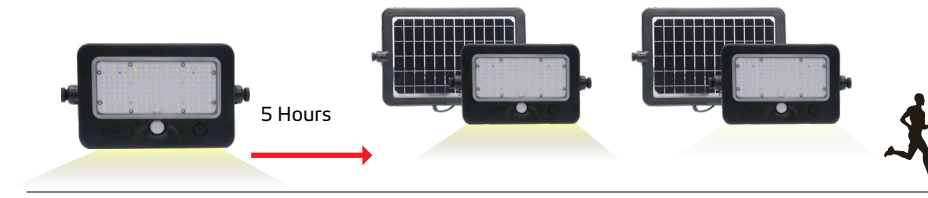NOTE: Under this work mode, the lamp will automatically turn on at night and will turn off daytime.

Mode B 01
Automatically turns on full brightness (1100lm) when motion is detected in range ≤8m and then turns to 5% brightness in 20 seconds of no motion.

Mode B 02
Mode B2: Automatically turns on and remain 100% brightness(1100lm) for 5 hours. After 5 hours or when battery capacity < 30% it turns to back to Mode B1.

5 Hours

Mode B 03
Press 🔘 for a 3rd time to turn off.

Additonal Power Bank Function

USB Discharge:
5.0V/1.0A

DC-Micro Charge:
5.0V/1.0A

USB Cable
(Not included)

On/Off Mode

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WARRANTY

SOLTAB products are covered by a 3 year limited warranty. SOLTECH urban light warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 3 years from date of purchase. To obtain warranty service please contact your local distributor or sales rep for further instruction.

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www.soltechlighting.com