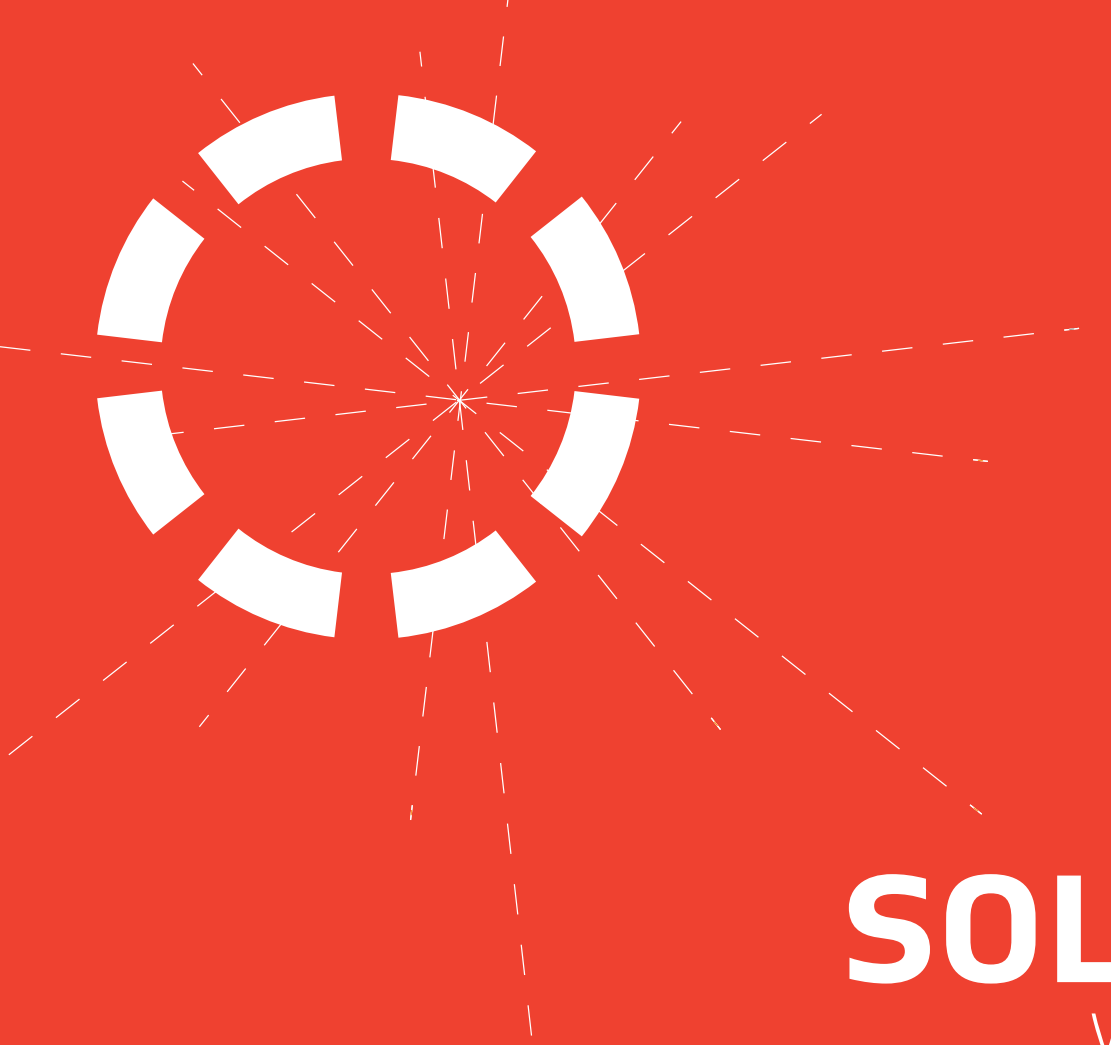


SOLPORT

Wall Pack Lights
15W
Installation Manual

SOLTECH Provides Advanced LED Technology Powered With Eco-friendly, Clean, Solar Energy.

SOLTECH®
Smart Solar Lighting

01 Introduction

Thank you for purchasing SOLPORT Urban Lighting Products.

Important

Please read these instructions before installation to ensure optimum results and longevity of your lights. The solar panel should be charged in full sunlight for 8 to 9 hours before initial first use to provide optimum results.

Features

- Adjust solar panel angle to maximize sunlight & allow snow to slide off
- The hinged LED module with solar panel is adjustable to aim light at a target
- The solar panel blocks most glare for observer eye comfort
- Easy anti-theft installation
- Advanced new Li-ion battery lasts 500 charging-discharging cycles
- 3 operating modes that are programmable via remote control or on fixture
- Long life battery lasts 3 nights with a one-day charge
- The easiest way to bring lighting to walls on any commercial building
- Integrates the solar panel, battery, sensor, and light fixture into one small form factor

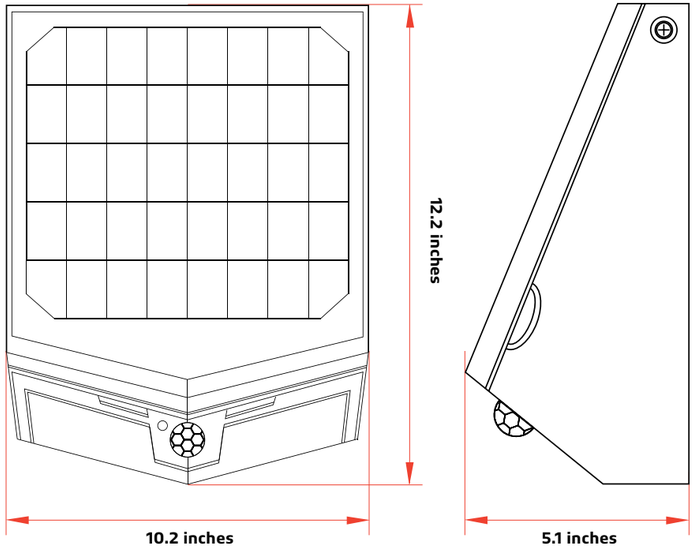
Notice & Warning

1. The SOLPORT will provide optimal usage where there is enough sunshine.
2. Please note the lighting time depends on sunshine duration and weather.
3. The lamp will light up automatically at dusk.
4. Built-in intelligent IC is with over-charge, over-discharge and over-voltage protection.
5. The lamp is equipped with an internal battery pack, which is replaceable. If needed, please contact for correct new battery pack.
6. If the battery is taken out and put back in or replaced with new batteries, please allow the solar panel to receive maximum sunshine to activate the lamp.
7. Non-professionsals please do not disassemble the lamp.
8. Please do not dispose the battery with household garbage to avoid explosion.

Please Note

During continuous rainy or cloudy days, run time may be reduced as the battery will not be fully charged.

SOLPORT 10W



02 Specification

Specifications	**SOLPORT** 15W
LED Nominal Power	15W
Solar Panel	Mono-Crystalline 10V 7.3W
Lithium Ion Battery	40WH 7.4V 5.4AH
CCT	4,000K & 5,000K
Lumen Output@4000K	1,500
CRI	> 70
Product Size	10.2 X 12.2 X 5.1 Inches
Beam Angle	80° X 100°
Solar Panel Angle	70° Adjustable
Waterproof Rate	IP65
Casting	PC & Aluminum
Efficiency@4000K	100 lm/W
***Charging Time**	7hrs (1000W/m²)
Run Time (@Full Power)	2–3 Days
Operation Mode	3 Operating Modes
PIR Sensor Angle / Distance	120° / 16–26 ft
***Operating Temperature**	-5 °F to 113 °F
***Charging Temperature**	32 °F to 149°F

Ordering Information Chart

SERIES	WATTAGE	COLOR TEMPERATURE	MOUNTING OPTIONS	FINISH
STL-SWL=SOLPORT	**15**=15W 1500 Lumens	**4**=4000K **5**=5000K	**WM**=Wall Mount	**BK**=BLACK

____ - ____ - ____ - ____ - ____

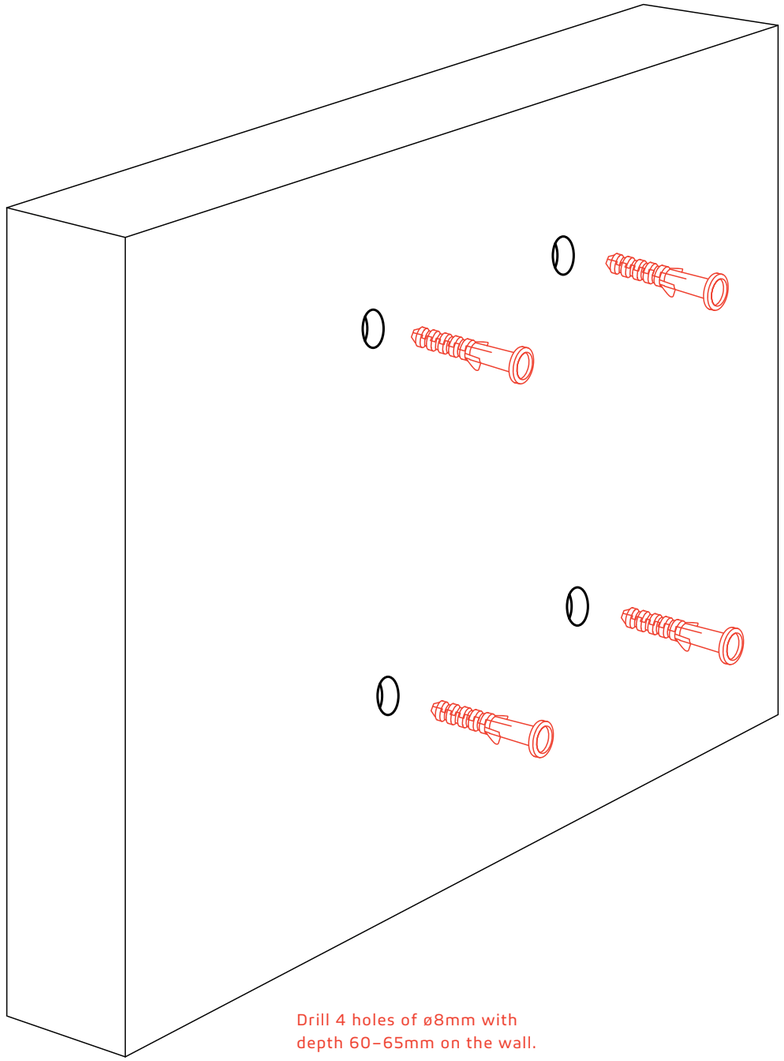
* The temperature can impact the battery's charging and normal operation.

* 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.

03 **Installation**

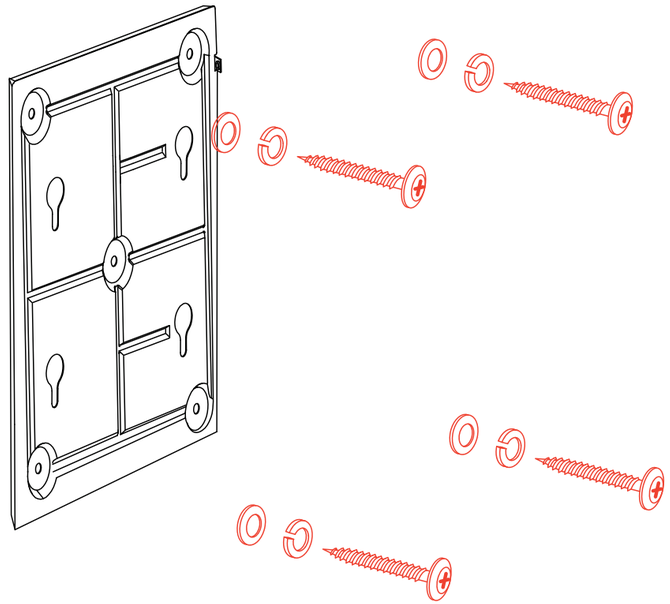
WALL MOUNT

01



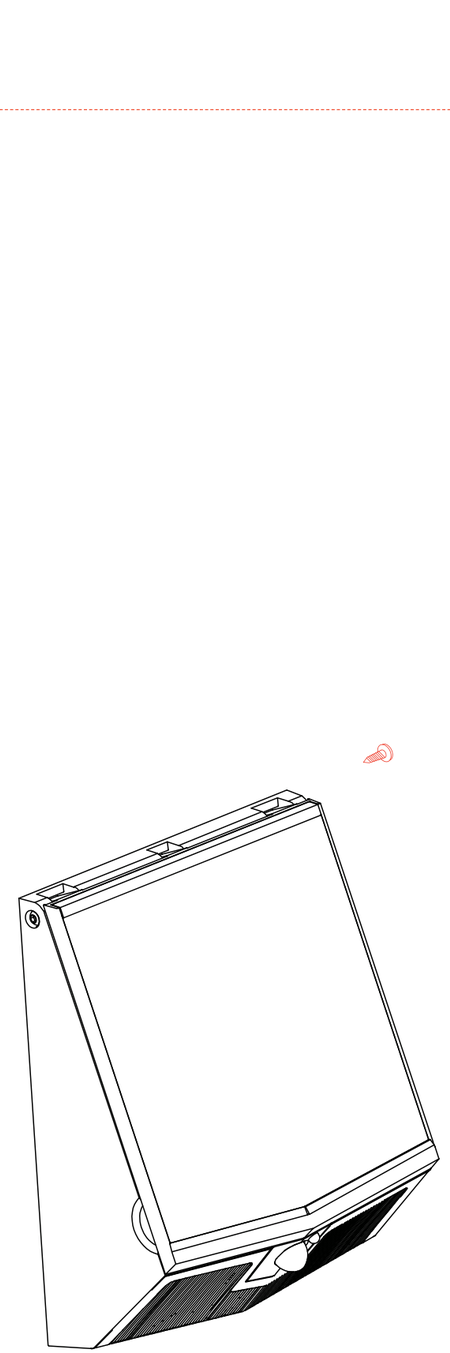
Drill 4 holes of ø8mm with
depth 60–65mm on the wall.

02



Use screwdriver to secure the
mounting plate on the wall
with screws.

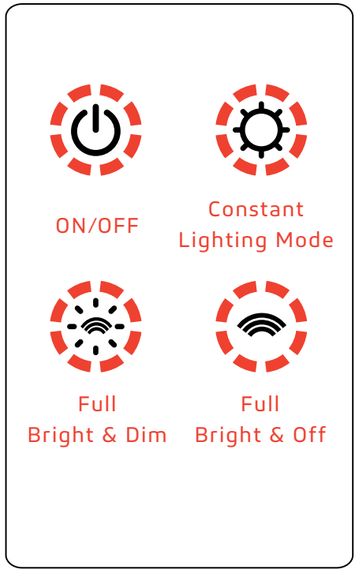
03

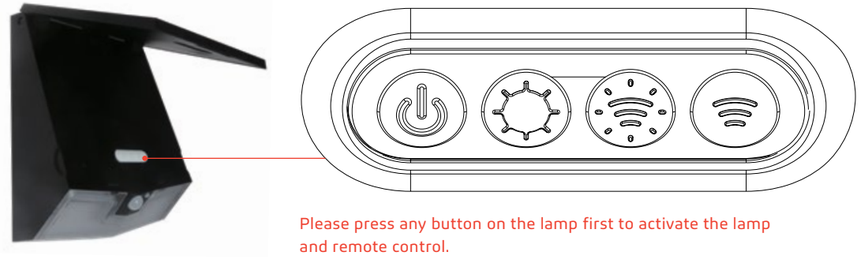


Secure the screw into the side
of the mouting plate.

Aim the light in the desired
direction and slide it down to
lock it.

04 **Remote Control**



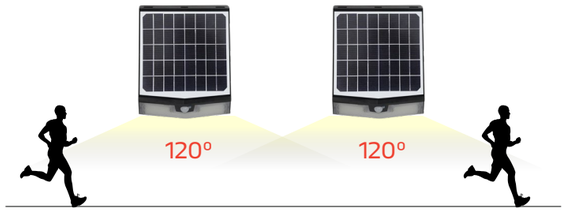


Please press any button on the lamp first to activate the lamp and remote control.

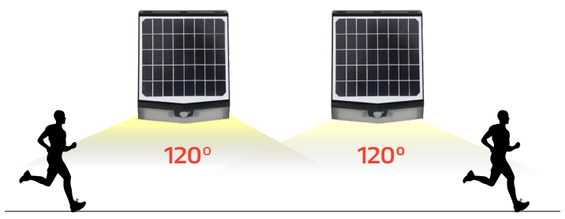
IR Remote Control
Control distance: ≤ 12 Meters

1. On / Off
On / Off With memory of previous mode before shut off.

2. Constant Lighting Mode
The light will automatically turn on at dusk and remain at 50% brightness when the motion sensor is disabled. After 5 hours or when the battery capacity is below 30%, the light will switch to Mode 3.



3. Full Bright & Dim
The light will automatically turn on to full brightness when motion is detected within a range of 24 ft. It will turn off after 20 seconds when there is no motion detected. The bottom portion of the light will turn on automatically when the upper light turns off and will then turn off once motion is detected.



4.Full Bright & Off
The light will turn on to full brightness when motion is detected within a range of 24 ft. Once no motion is detected for 20 seconds, the light will turn off. The bottom portion of the light will not turn on in this mode.

WHEN SWITCHING TO A DIFFERENT OPERATING MODE, THE LAMP WILL FLASH ONCE TO INDICATE THAT THE OPERATING MODE HAS SWITCHED SUCCESSFULLY.

05 Panel Angle

The Solar charge in a battery pack won't last forever. The off-grid system relies on stored solar energy for autonomy. Angling your solar panels properly can boost the power intake of your solar lighting system. You want to angle your solar panels at a tilt based on the area's latitude.

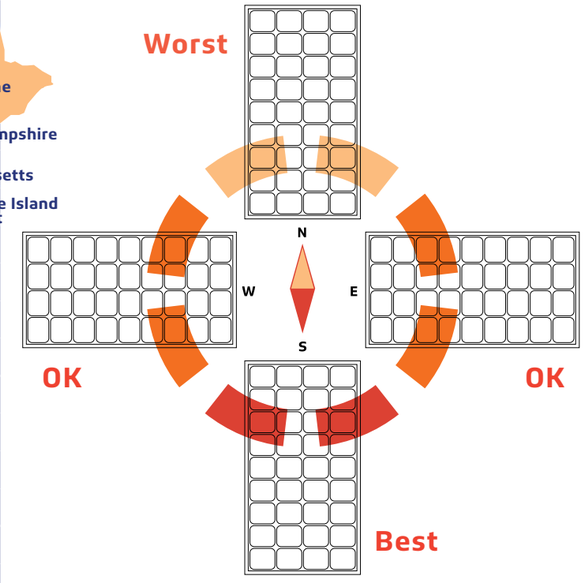
Tip

You can increase the tilt 15° in the winter or decrease 15° in the summer. In this way you can get the maximum sunlight to recharge the battrey.

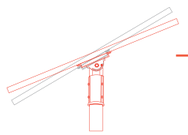
Key

Strong sunlight — Normal sunlight — Less sunlight

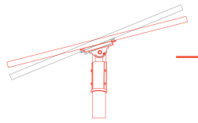
Best Facing Direction of Solar Panel



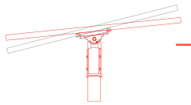
The area will dictate the installation of the fixtures and will sometimes prevent the lights from facing south. But that's okay! Panels facing West & East won't get as much light as Southern facing panels, but will still collect a good amount of sunlight. A North facing panel also works, but it will take longer to charge than any other direction. This would mean that the solar charge will be less optimal if installations are facing North.



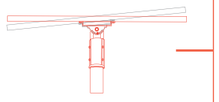
37°– 45°



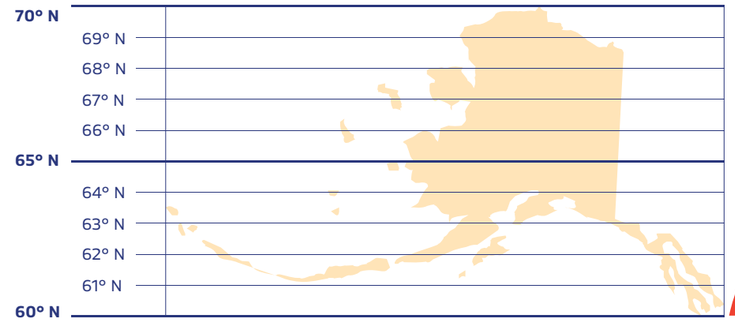
26°– 37°



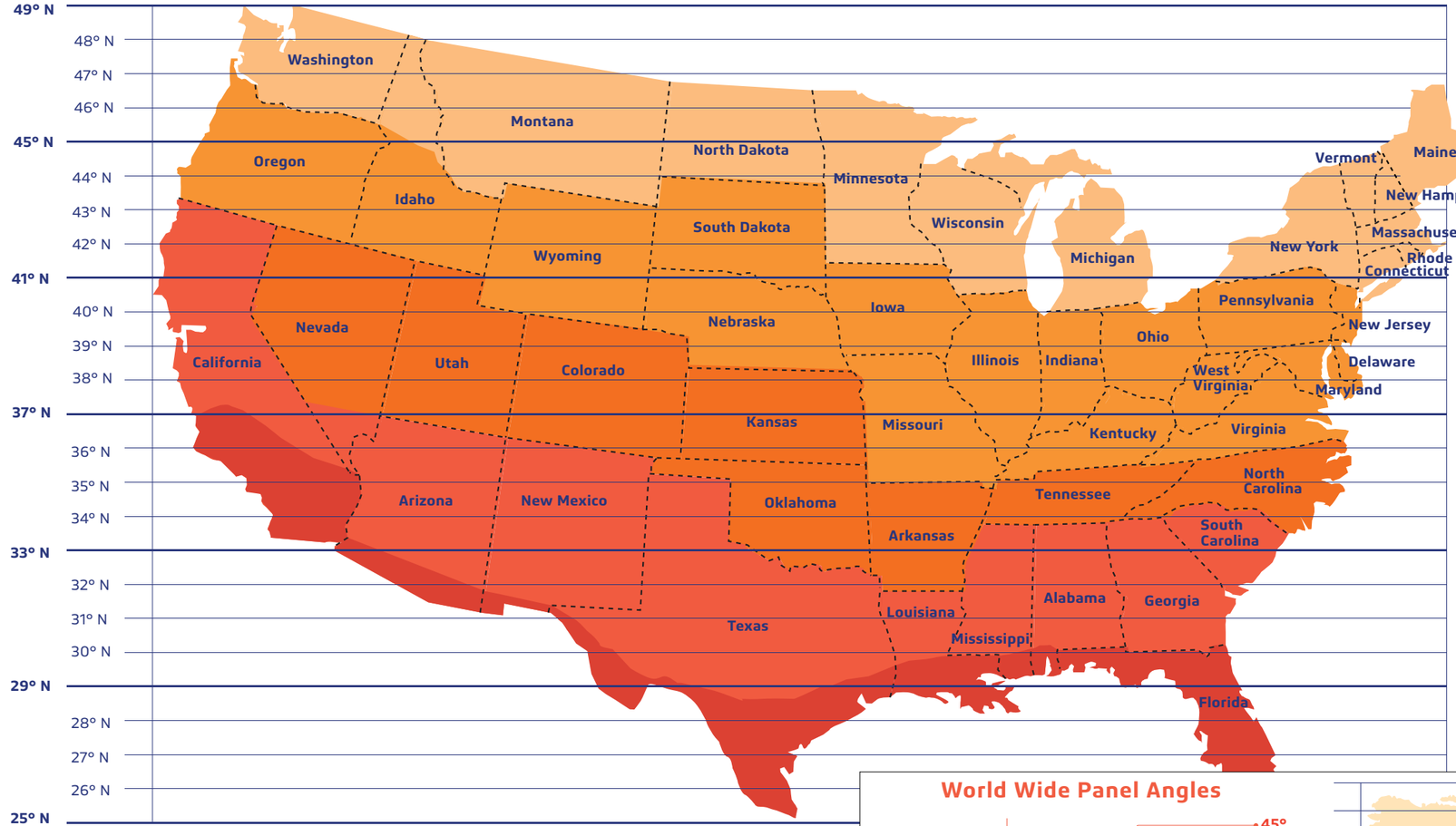
13°– 26°



0°– 13°

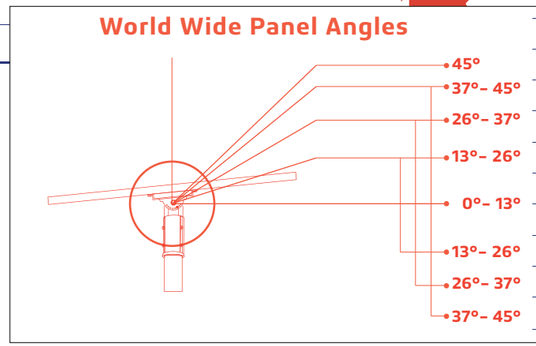


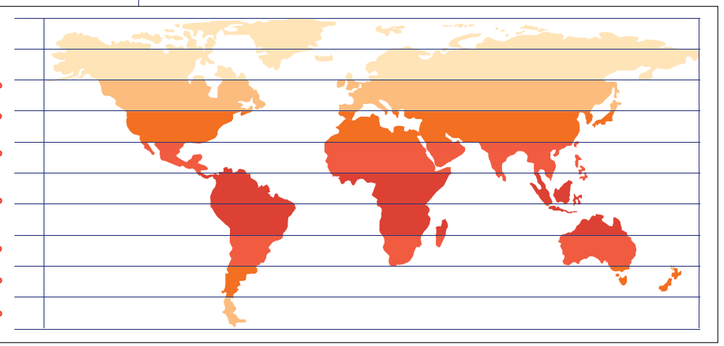
Alaska



Hawaii

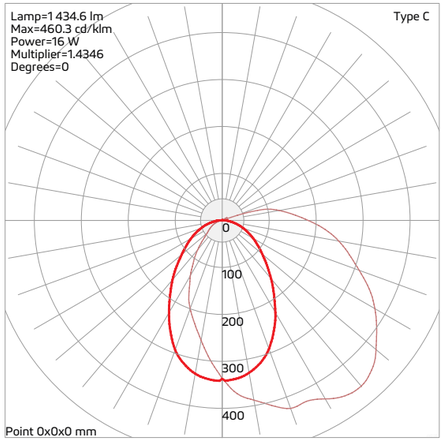
World Wide Panel Angles





06 **Luminous Distribution**

SOLPORT 15W



07 **Warranty**

SOLPORT is covered by a 3 year limited warranty. SOLPORT 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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SOLTECH®
Smart Solar Lighting

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SOLTECH LLC reserves the right to update all product data sheets at any time. Consult SOLTECH marketing specialists for publication updates at hello@soltechlighting.com