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TURTLE-FRIENDLY LIGHTING

FOCUS SOLAR SIGNAGE LIGHT

Thousands of sea turtles are affected every year because of the electric lighting along beachfront properties and coastlines around the country. For more than 20 years, the Sea Turtle Conservancy (STC) has worked to tighten the guidelines on beaches where property owners are restricted to amber light sources when visible from the beach to avoid the hatchlings disorientation.

To minimize the light pollution, We have developed turtle-friendly lighting solutions that include low wattage phosphor converted amber and true amber limited wavelength LEDs. Not only do our luminaires protect the environment, but also provide sustainable and energy-saving solutions for years to come.



APPLICATIONS

SOLTECH solar signage lighting FOCUS has an all-in-one design and comes complete with a self-contained solar power assembly sized to run the specified solar light fixture. Install FOCUS at businesses, stores, schools and community signs. FOCUS will bring security and sustainability, with no electric bill and low maintenance costs.

SPECIFICATION FEATURES



Generates More Solar Energy

- Crystalline Solar Panel with 45 degree tilted angle design. Produces double the energy compared to horizontal panels



Longer Life

- LED life 50000 hours
- Easy to change modular battery pack for further extend product life



Adjustable LED Module Design

- The hinged LED module with solar panel is adjustable to aim at the target object
- The solar panel blocks most glare for observer eye comfort



Heavy Duty and Flexible Base Design

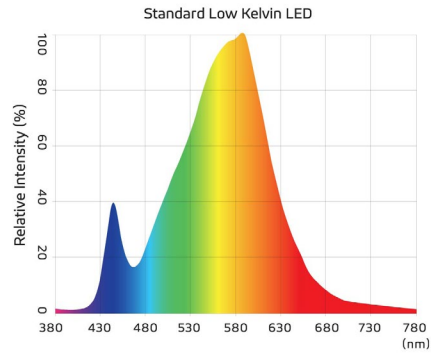
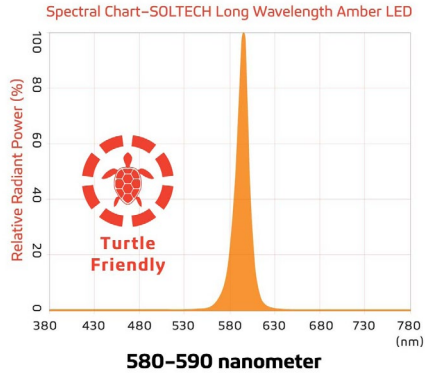
- A commercial-grade steel base adjusts the height of the telescopic mount to ensure the fixture is at the right illumination height

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FOCUS SOLAR SIGNAGE LIGHT

WHY AMBER LED

Research has shown that sea turtles are less affected by lighting within specific wavelengths. Long-wavelength lighting such as Amber LEDs are less disruptive than white light. According to the Florida Fish and Wildlife Commission (FWC), turtle-friendly luminaires must limit short wavelength light under 560 nanometers.



LIGHT FIXTURES

LED Nominal Power	10W 20W
Turtle Friendly Waveband	580-590nm

BATTERY

Operating Temperature	0°C/32°F to 140°F
Charging Temperature	0°C/32°F to 140°F
Capacity	74WH 7.4V 148WH 7.4V

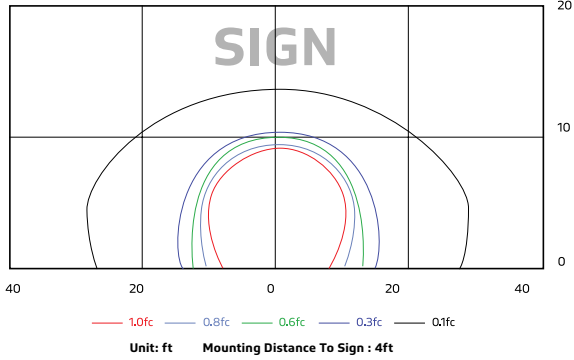
SOLAR PANEL

Rating Power	13W 26W
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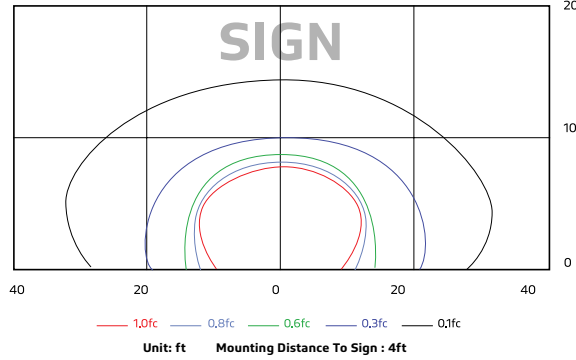
FOCUS SOLAR SIGNAGE LIGHT

IES/ BEAM

10W

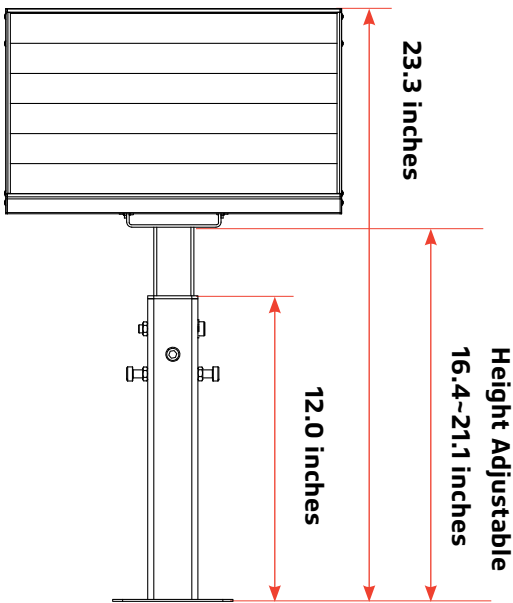


20W

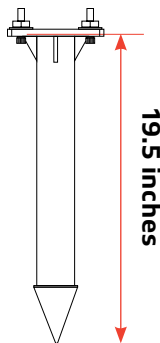
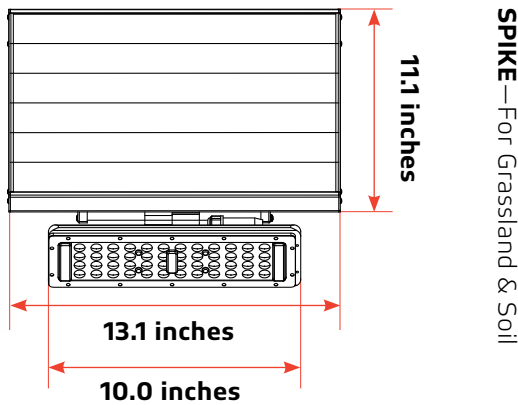
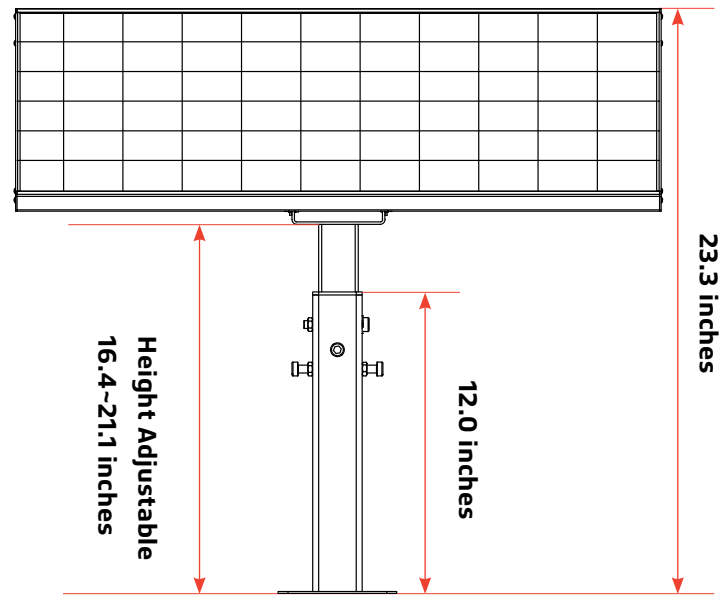


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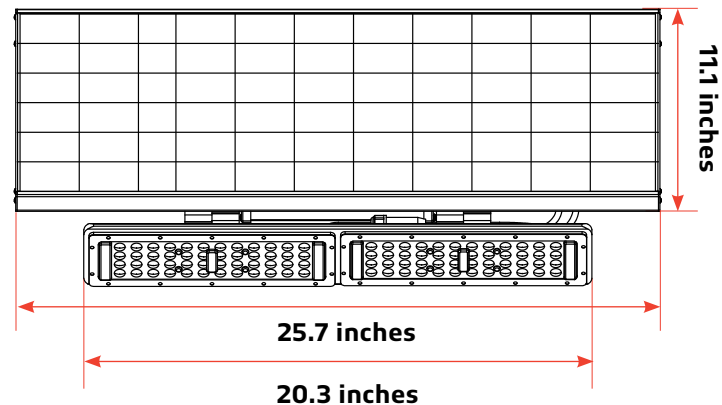
10W



20W



SPIKE—For Grassland & Soil





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FOCUS SOLAR SIGNAGE LIGHT

ORDERING INFORMATION

SERIES	WATTAGE	MOUNTING OPTIONS	SIZE
STLJUPTF =FOCUS Turtle Friendly	10=10W 20=20W	ST=Ground Mount	13=13 Inches 26=26 Inches

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WARRANTY

FOCUS products are covered by a 5 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 5 years from date of purchase. To obtain warranty service please contact your local distributor or sales rep for further instruction.

SOLTECH reserves the right to update all product data sheets at any time.

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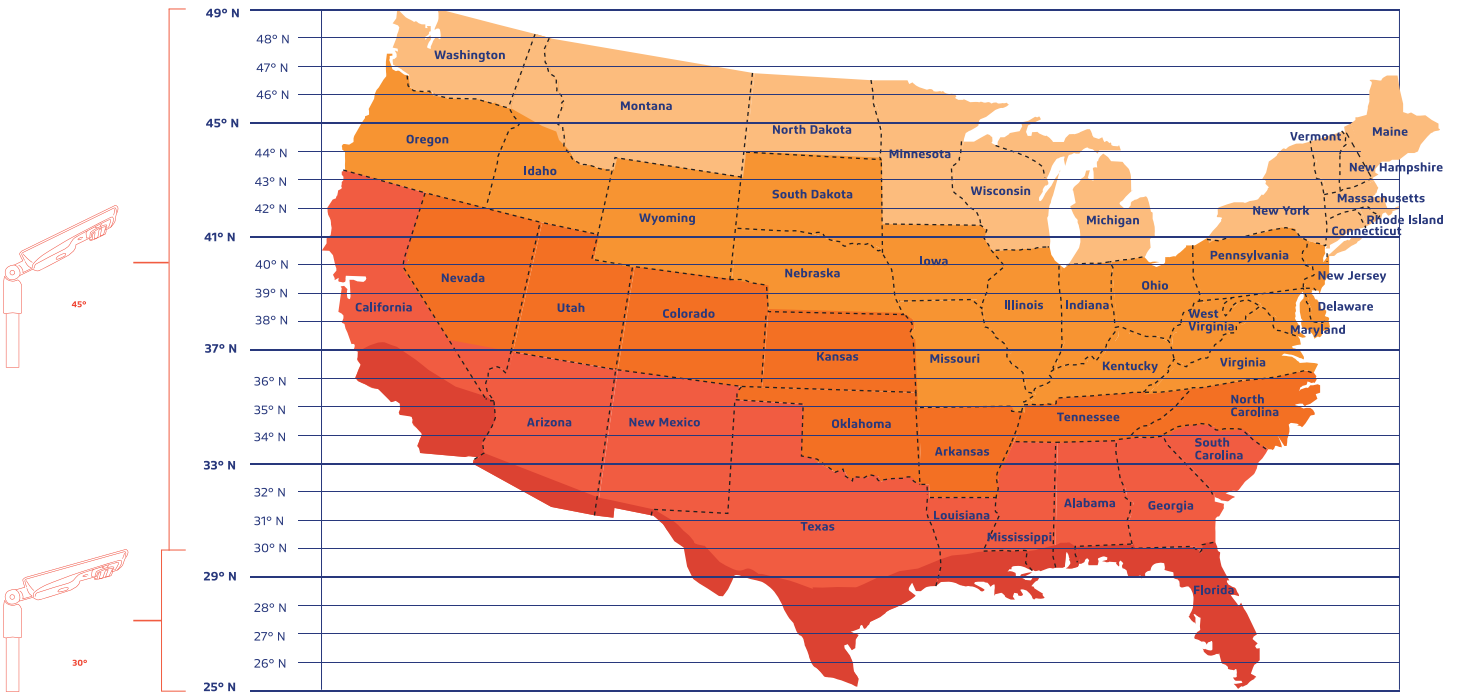
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FOCUS SOLAR SIGNAGE LIGHT

PANEL ANGLE GUIDE

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.

KEY



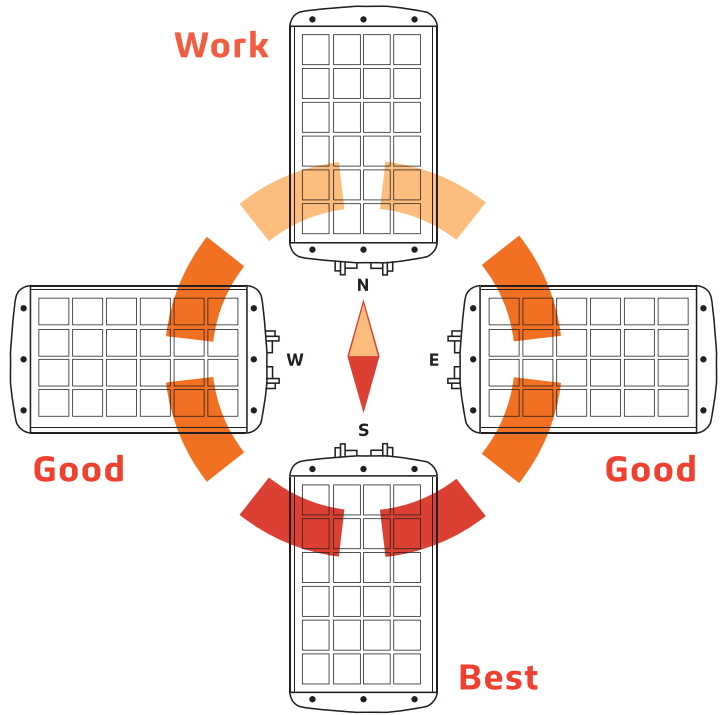
FOCUS SOLAR SIGNAGE LIGHT

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.

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