

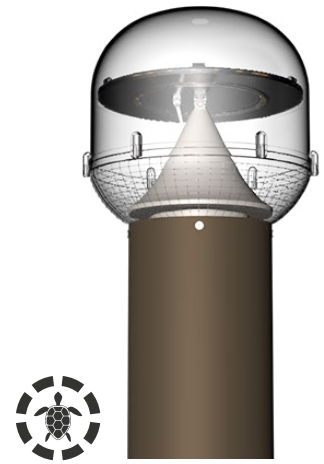
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# TURTLE-FRIENDLY LIGHTING

## SUNDIAL SOLAR BOLLARD 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

SUNDIAL solar LED bollard light increases charging efficiency by at least 50%. SUNDIAL is a great choice for outdoor lighting in multiple applications, including: pedestrian lighting, residential and commercial pathway lighting.

### SPECIFICATION FEATURES



#### Smart Solar Tracking System

- Full 360 design to track full solar trajectory
- Smart learning system: predicts and adjusts to ensure optimal lighting performance



#### Cost Saving

- No trenching, wiring, nor electricity costs
- Simplify landscaping electrical design



#### Multifunctional & Flexible

- Three heights to meet various site planning needs
- Ideal for both residential and commercial use. Sustainable for any application



#### Durable & Dirt Resistant

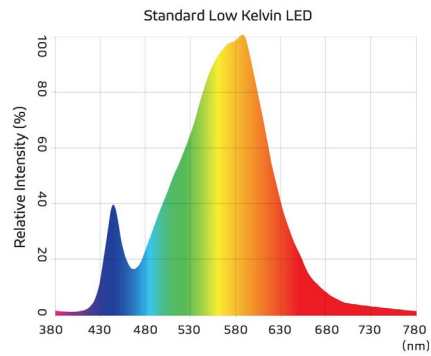
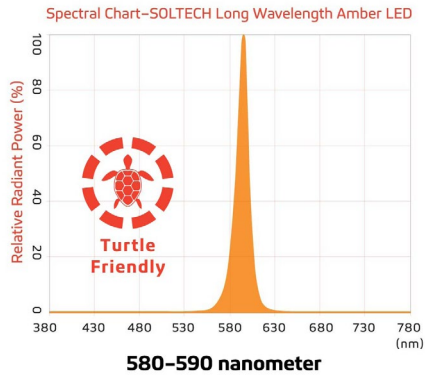
- Round shape design minimizes the accumulation of dust and grime on solar panel
- IK10 impact rating on PC cover

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## SUNDIAL SOLAR BOLLARD 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	3W
Turtle Friendly Waveband	580-590nm

### BATTERY

Operating Temperature	-10°C/14°F to 113°F
Charging Temperature	-10°C/14°F to 113°F
Capacity	3.7V 10AH

### SOLAR PANEL

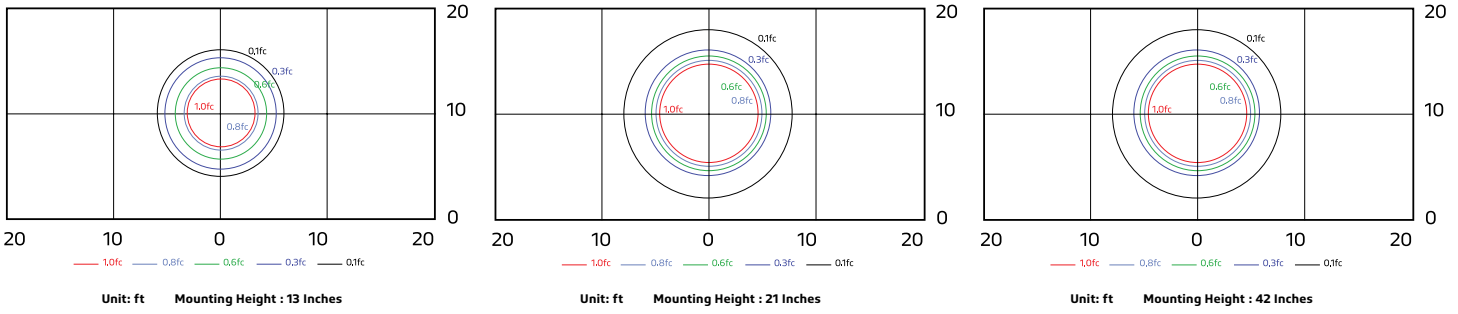
Rating Power	4.3V 3W
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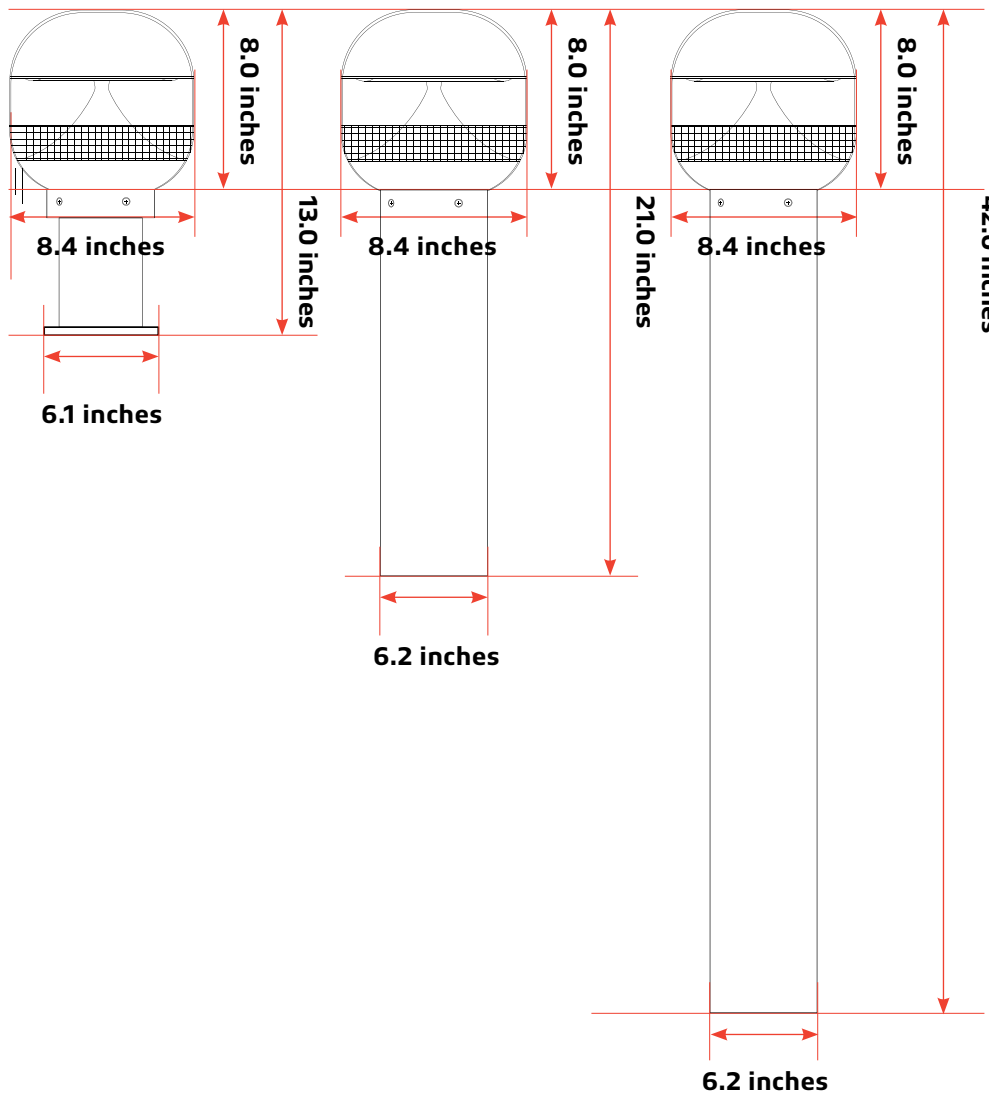
**SUNDIAL SOLAR BOLLARD LIGHT**

**IES/ BEAM**

**3W**



**3W**





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**SUNDIAL SOLAR BOLLARD LIGHT**

**ORDERING INFORMATION**

SERIES	WATTAGE	MOUNTING OPTIONS	SIZE
<b>STLSDLTF</b> =SUNDIAL Turtle Friendly	<b>03=3W</b>	<b>GR=Ground Mount</b>	<b>13=13 Inches</b> <b>21=21 Inches</b> <b>42=42 Inches</b>

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**WARRANTY**

SUNDIAL 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.

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