SUNDIAL
Solar Bollard Light

SUNDIAL was designed with a smart solar tracking system with a full 360 degree design, which enables the solar panel to adjust the tilt angle automatically, and maximize the intake of solar energy. Compared with conventional solar bollard lights, SUNDIAL increases charging efficiency by at least 50%. The SUNDIAL solar bollard light is a great option for outdoor lighting in multiple applications, including: pedestrian lighting, residential and commercial pathway lighting.

SOLTECH
Smart Solar Lighting

For more information, please visit our website:
www.soltechlighting.com

SOLTECH
Smart Solar Lighting

3W SUNDIAL Bollard Lights

5 Years Warranty · HIGH LUMEN · IP65 · LM79 · LUMILEDS · WET · MSD · UN38.3 · Level 12 WIND TEST · IK10

FEATURES & BENEFITS

IK10 Protected Against 20 Joules of Impact.
· Equivalent to the impact of a 5 kg mass dropped from 400mm above impacted surface.

Smart Solar Tracking System
· Full 360° design to track full solar trajectory
· **Smart learning system:** predicts and adjusts to ensure optimal lighting performance

Multifunctional & Flexible
· Provides both ground mount and wall mount options, flexible for all environmental conditions
· Three heights to meet various site planning needs
· Ideal for both residential and commercial use. Sustainable for any application

Cost Saving
· No trenching, wiring, nor electricity costs
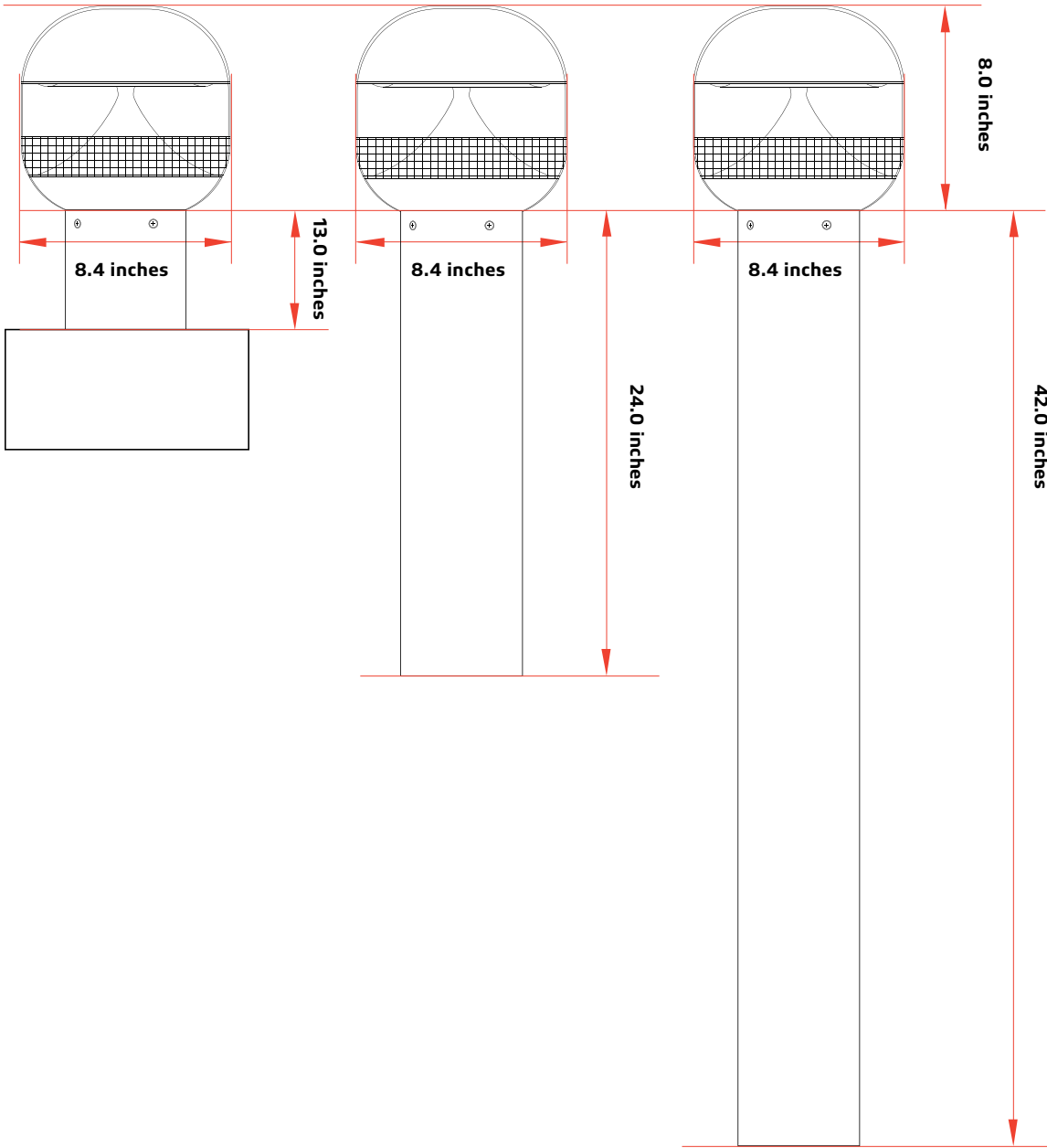· Simplify landscaping electrical design

Durable & Dirt Resistant
· Round shape design minimizes the accumulation of dust and grime on solar panel
· IK10 impact rating on PC cover

DIMENSIONAL DRAWINGS

SUNDIAL 3W

8.4 inches

8.4 inches

8.4 inches

8.0 inches

13.0 inches

24.0 inches

42.0 inches

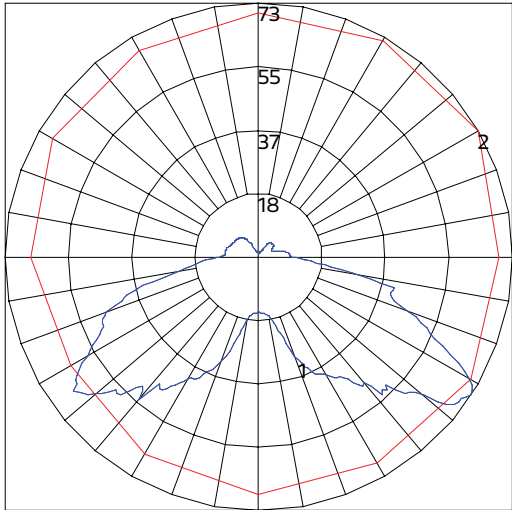# SPECIFICATIONS & PERFORMANCE

3W SUNDIAL Bollard Lights

The SUNDIAL solar bollard light can be a great option for urban light in multiple applications, including pedestrian lighting, residential and commercial pathway lighting, and so forth.

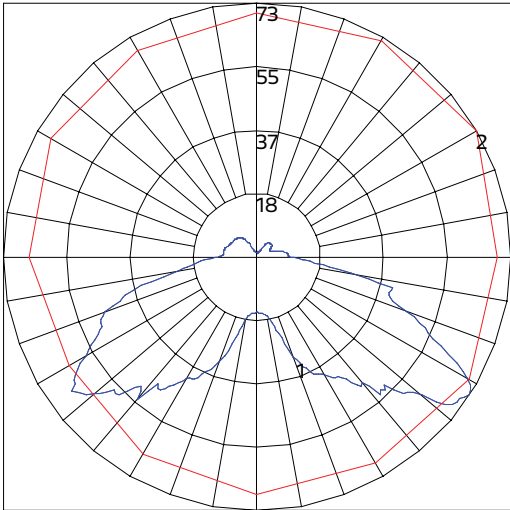| SPECIFICATIONS	SUNDIAL 3W 13"	SUNDIAL 3W 24"	SUNDIAL 3W 42"
LED NOMINAL POWER	3W		
SOLAR PANEL	Mono-Crystalline 4.3V 3W		
LITHIUM ION BATTERY	3.7V 10AH		
CCT	3,000K		
LUMEN OUTPUT@3000K	300		
IP RATING	IP65		
CRI	70		
CASTING	PC & ALUMINUM		
EFFICIENCY@3000K	100 LM/W		
BEAM ANGLE	217°		
*CHARGING TIME	14 Hrs(1000m²)		
RUN TIME (@FULL POWER)	48 Hrs		
OPERATION MODE	1 Mode		
LIGHT HEAD	8.4 X 8.0 Inches		
GROUND MOUNT	13.0 Inches	24.0 Inches	42.0 Inches
*OPERATING TEMPERATURE	-4 °F to 130 °F		
*CHARGING TEMPERATURE	5 °F to 140 °F		

* The temperature can impact the battery's charging and normal operation.
* The solar charge time data is based on 77 degree F ambient temperature, with the panel pointed directly at the solar radiation. The standard radiation value is 1000W/m².

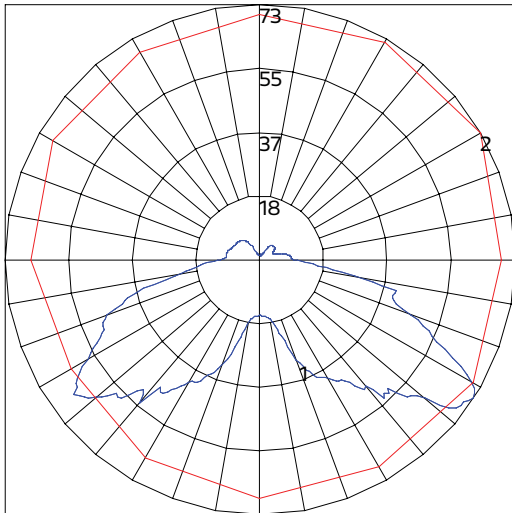* The above parameters are for reference only. Please refer to IES and DLC documents for details.
Soltech is continually improving its products. Specifications may change without notice.

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LIGHT DISTRIBUTION

SUNDIAL 3W 24"

SUNDIAL 3W 42"

SUNDIAL 3W 13"

PRODUCT NUMBER BUILDER

Example: STL-SDL033GR24

This example product number is for SUNDIAL 3 watt, 3000K CCT, ground mount installation, and 24 inches pole height.

SERIES	WATTAGE	COLOR TEMPERATURE	MOUNTING OPTIONS	SIZE
STL-SDL=SUNDIAL	**03**=3W 300 LUMENS	**3**=3000K	**GR**=GROUND MOUNT	**13**=13 INCHES
			WM=WALL MOUNT	**24**=24 INCHES
				42=42 INCHES

☐ **-** ☐ **-** ☐ **-** ☐ **-** ☐

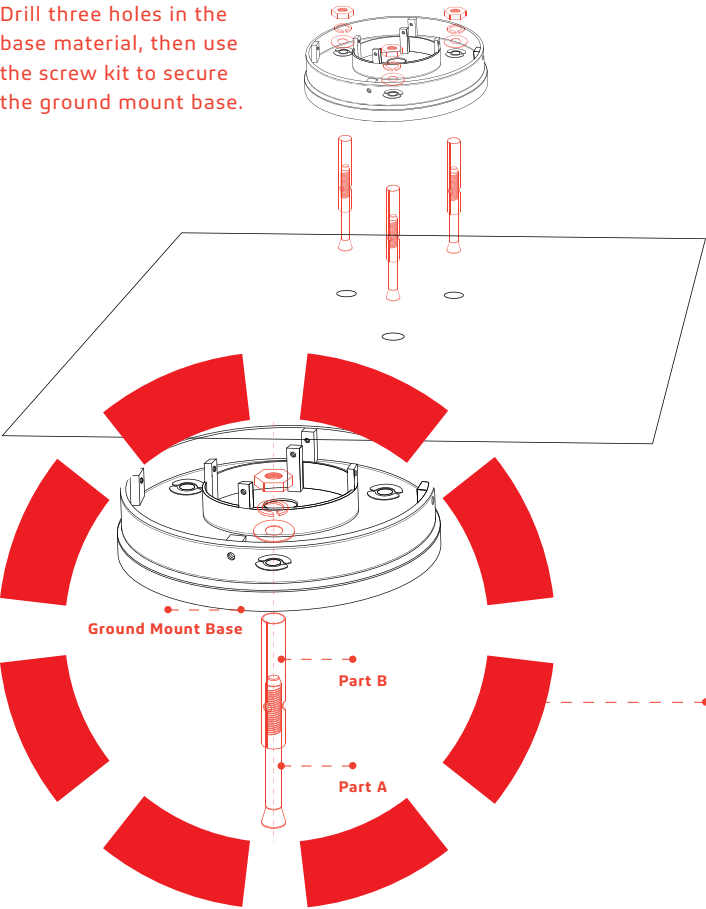**Sample Number: STL-SDL03XYYZZ**

Please **DO NOT** send the generic sample number directly to our salesperson. Use the information in the chart, above, to create a model number with the correct series, wattage, CCT, mounting options, and pole height for the product options that you want.
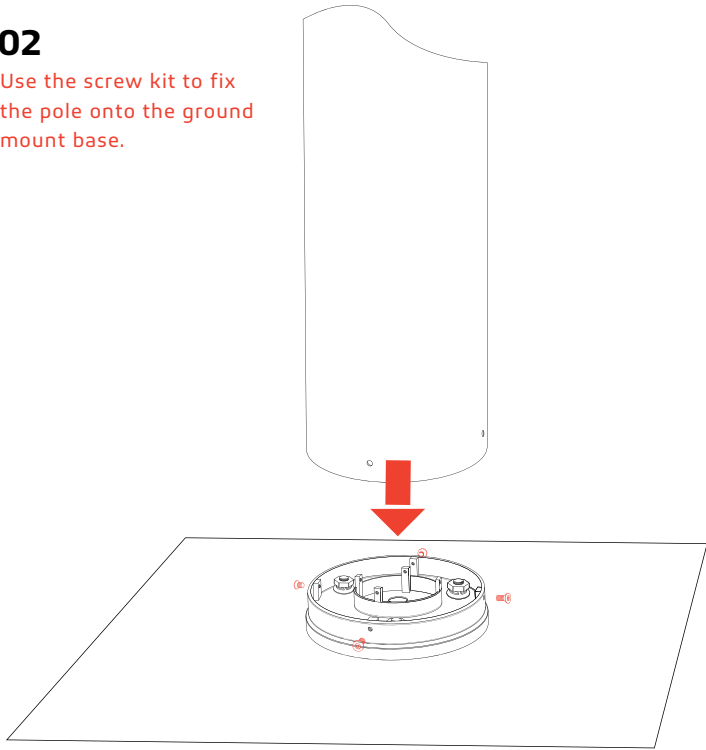
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INSTALLATION

GROUND MOUNT

01

Drill three holes in the base material, then use the screw kit to secure the ground mount base.

Ground Mount Base

Part B

Part A

When installing the ground mount base, please put Part A and Part B into the ground holes first then install the ground mount base on top.
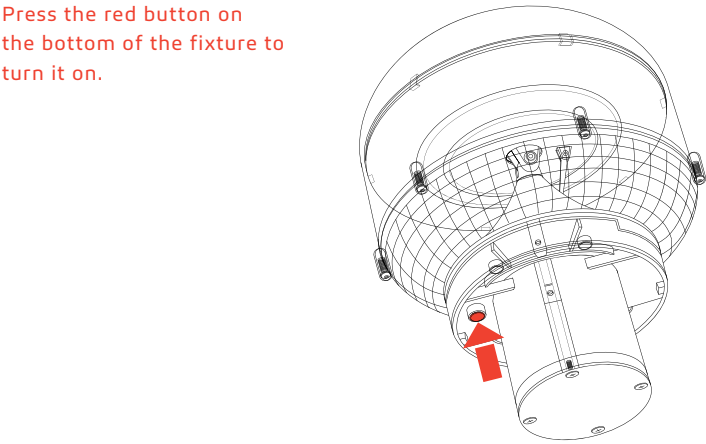
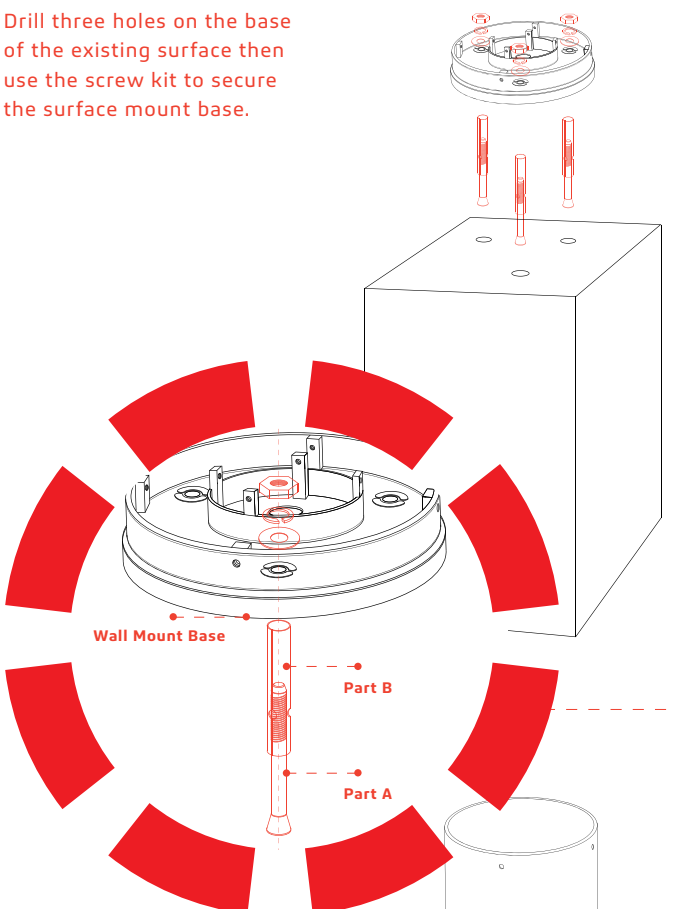### 02

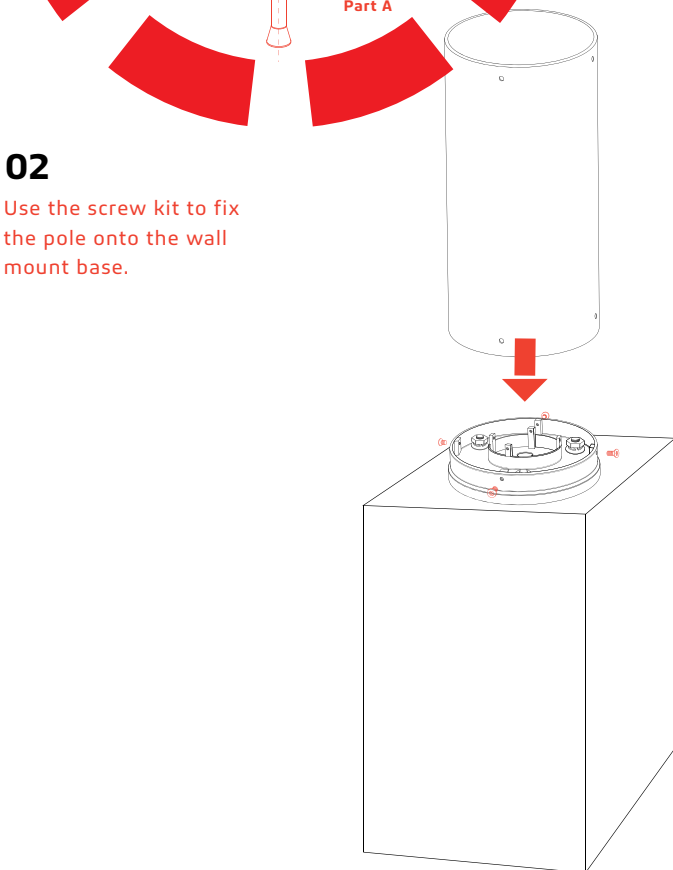Use the screw kit to fix the pole onto the ground mount base.

03

Press the red button on the bottom of the fixture to turn it on.

04

Use the screw kit to fix the light onto the pole.
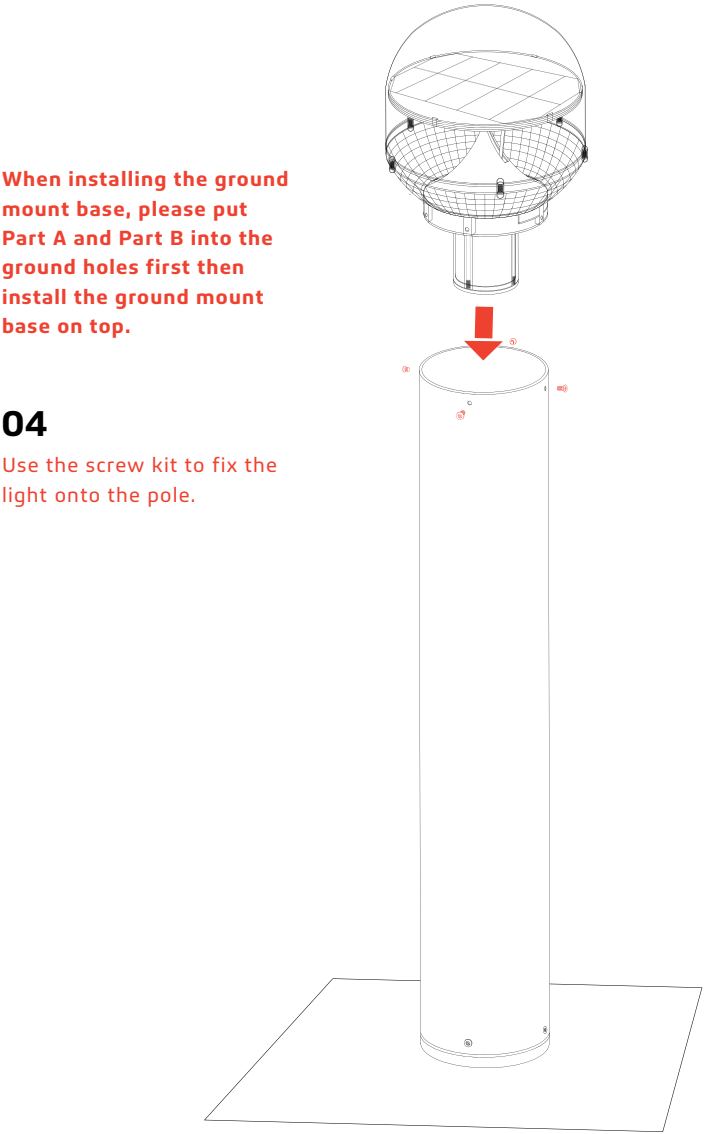
WALL MOUNT

01

Drill three holes on the base of the existing surface then use the screw kit to secure the surface mount base.
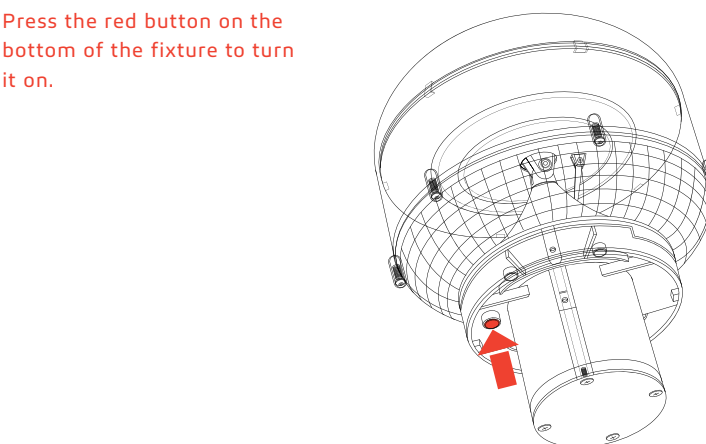

Wall Mount Base

Part B

Part A

When installing the wall mount base, please put Part A and Part B into the surface holes first then install the wall mount base on top.

02

Use the screw kit to fix the pole onto the wall mount base.

03

Press the red button on the bottom of the fixture to turn it on.

04

Use the screw kit to fix the light onto the pole.

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