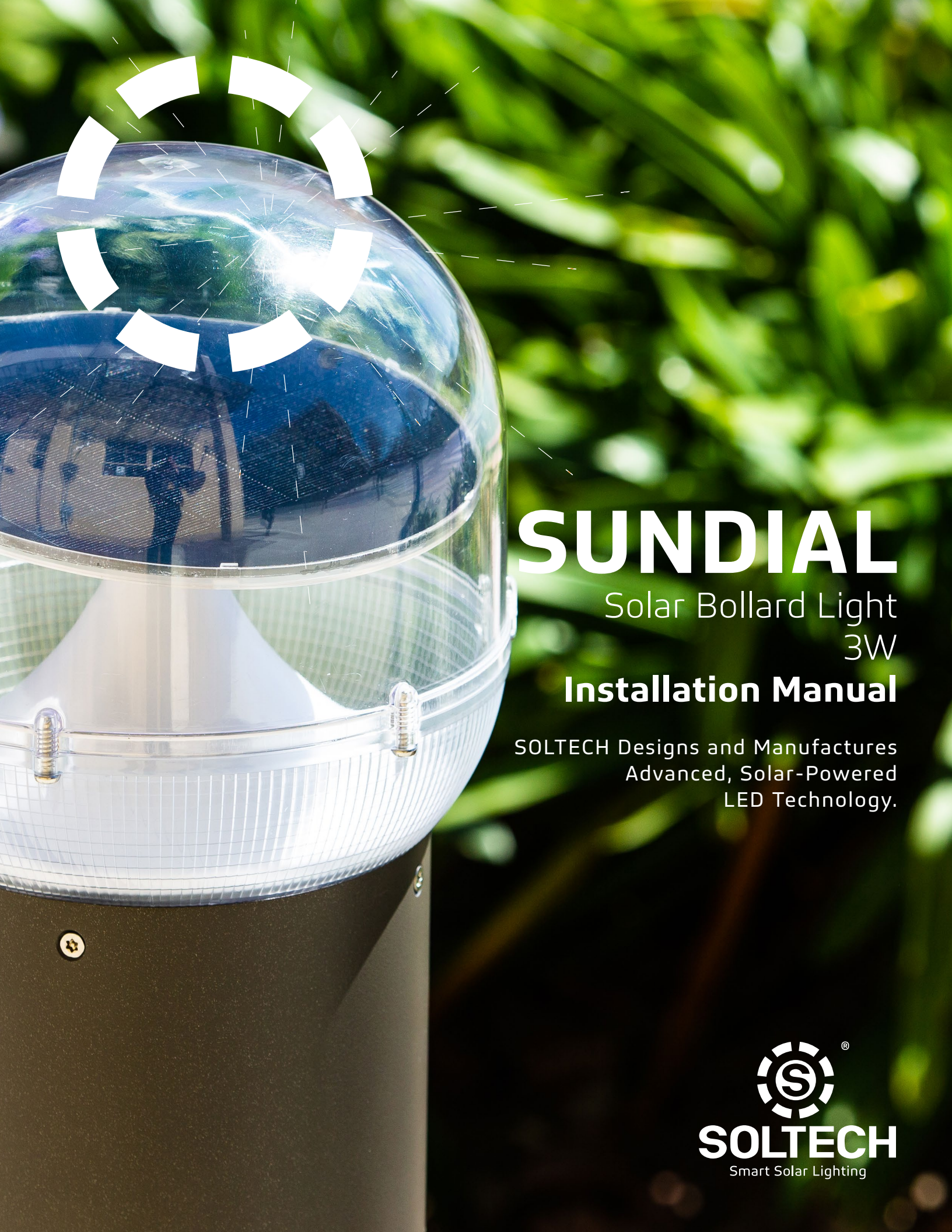


SUNDIAL

Solar Bollard Light
3W
Installation Manual

SOLTECH Designs and Manufactures
Advanced, Solar-Powered
LED Technology.

SOLTECH®
Smart Solar Lighting

01 Introduction

Thank you for purchasing SUNDIAL Solar Bollard Light.

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

- Full 360 degree design to track full solar trajectory
- Three heights to meet various site planning needs
- No trenching, wiring, nor electricity costs
- IK10 impact rating on PC cover

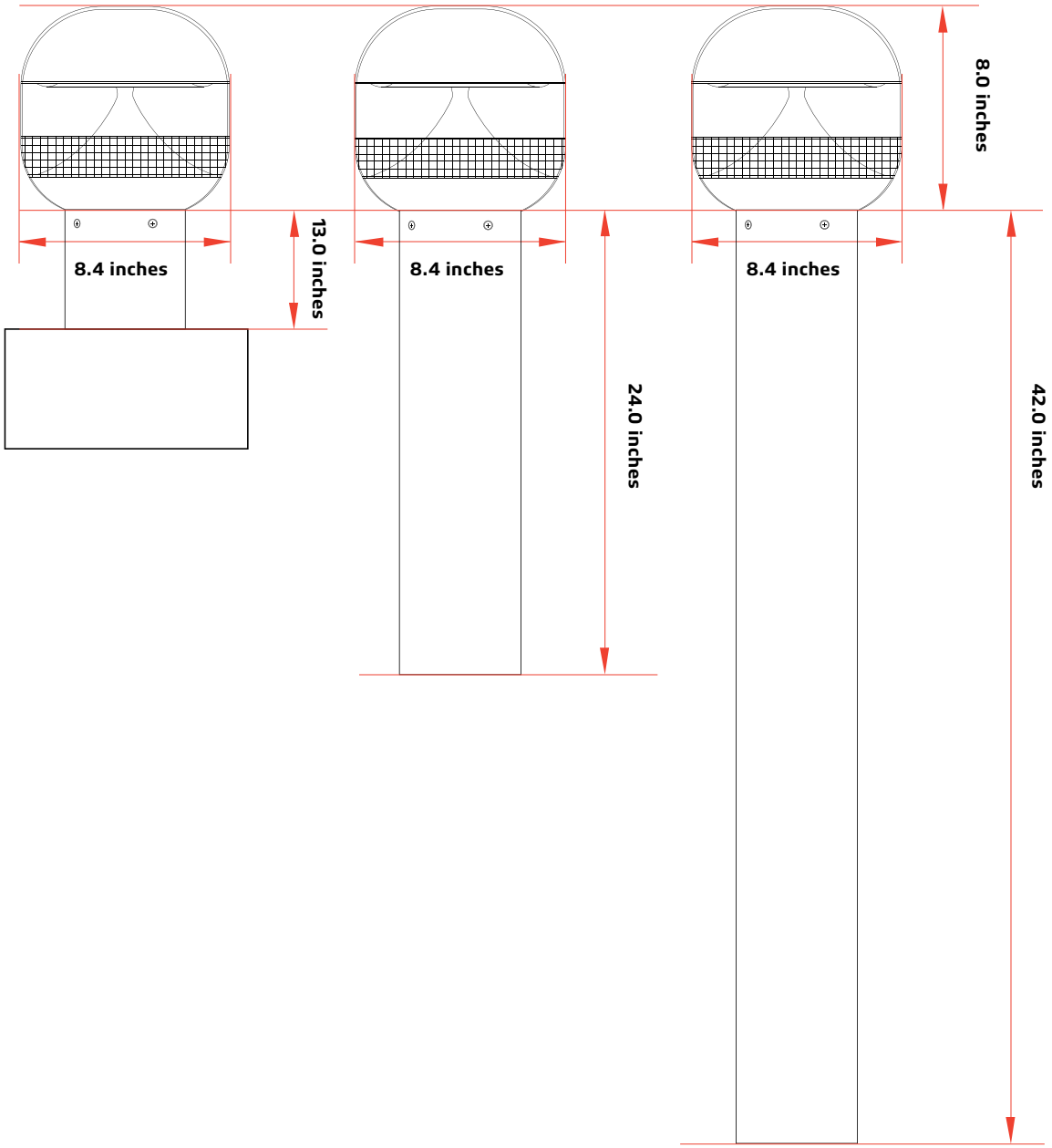
Notice & Warning

1. The SUNDIAL will provide optimum performance where there is enough sunshine.
2. Please note that the duration of illumination depends on sunshine exposure and weather.
3. The lamp will automatically turn on at dusk.
4. Disassembling the fixture head voids the product warranty.
5. The battery contains hazardous chemicals. Please dispose of used batteries properly.

Please Note

Continuous rain or cloudy days will not fully charge the battery, so the light's output length will decrease.

SUNDIAL 3W



02 **Specification**

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		
CRI	70		
Light Head	8.4 X 8.0 Inches		
Ground Mount	13 Inches	24 Inches	42 Inches
Beam Angle	217°		
IP Rating	IP65		
Casting	PC & Aluminum		
Efficiency@3000K	100 lm/W		
* **Charging Time**	14hrs (1000W/m^2)		
Run Time (@Full Power)	48 Hrs		
Operation Mode	1 Mode		
* **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.

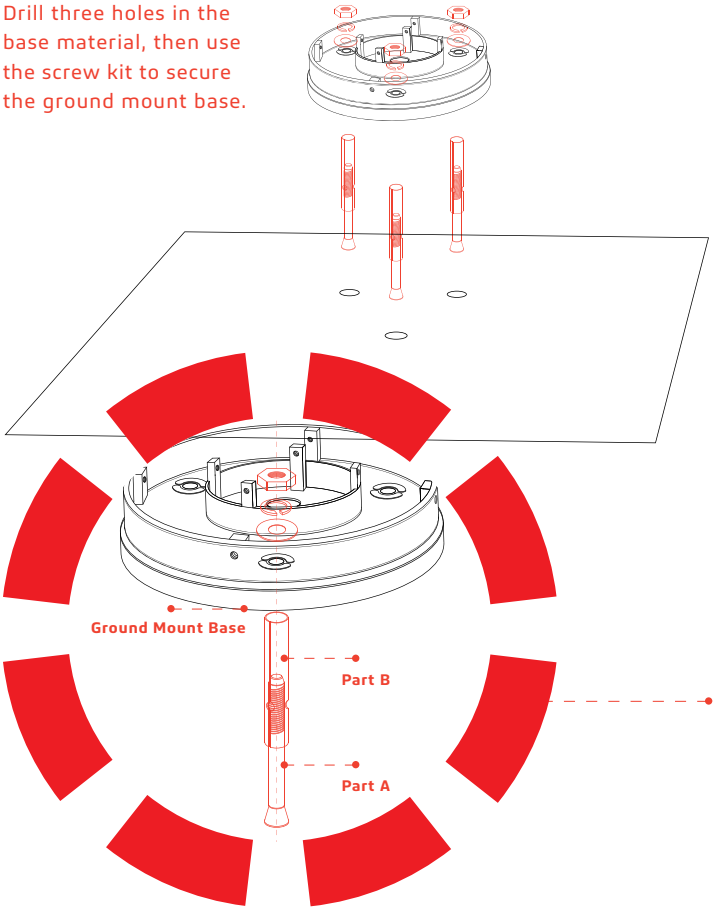
* The solar charge time data is base on 77 degree F ambient temperature with the panel pointed directly at the solar radiation. The standard radiation value is 1000W/m^2.

03 Installation

GROUND MOUNT

01

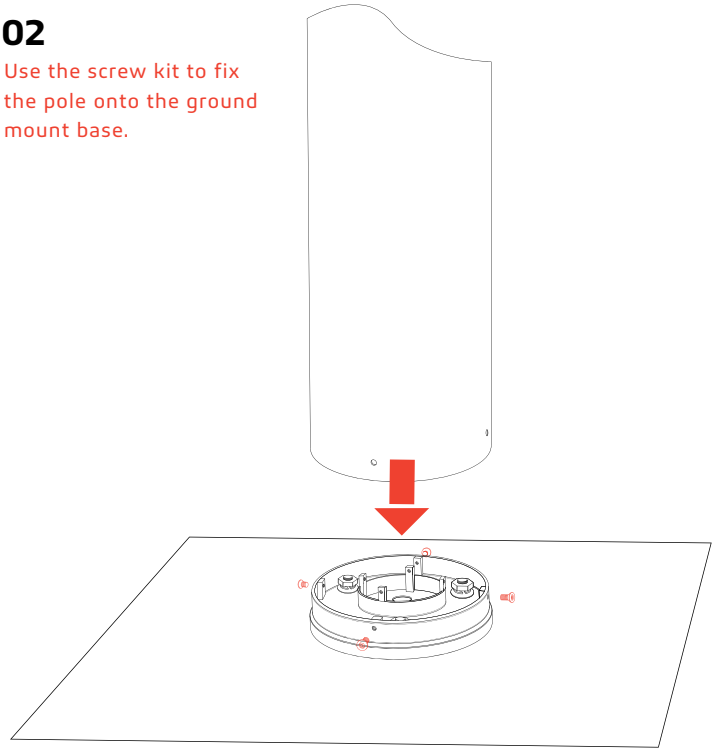
Drill three holes in the base material, then use the screw kit to secure the ground mount base.



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.

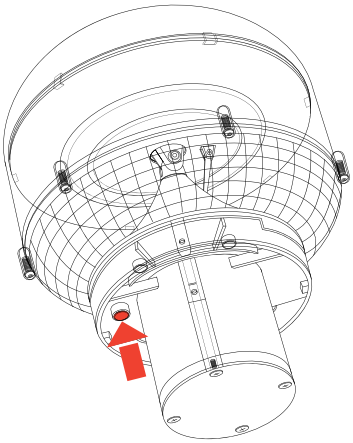
02

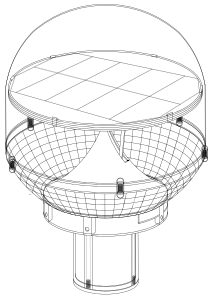
Use the screw kit to fix the pole onto the ground mount base.



03

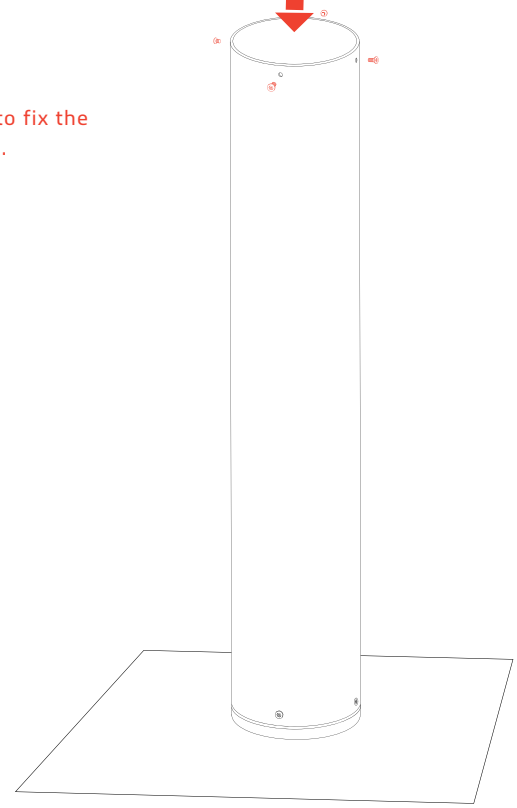
Press the red button on the bottom of the fixture to turn it on.





04

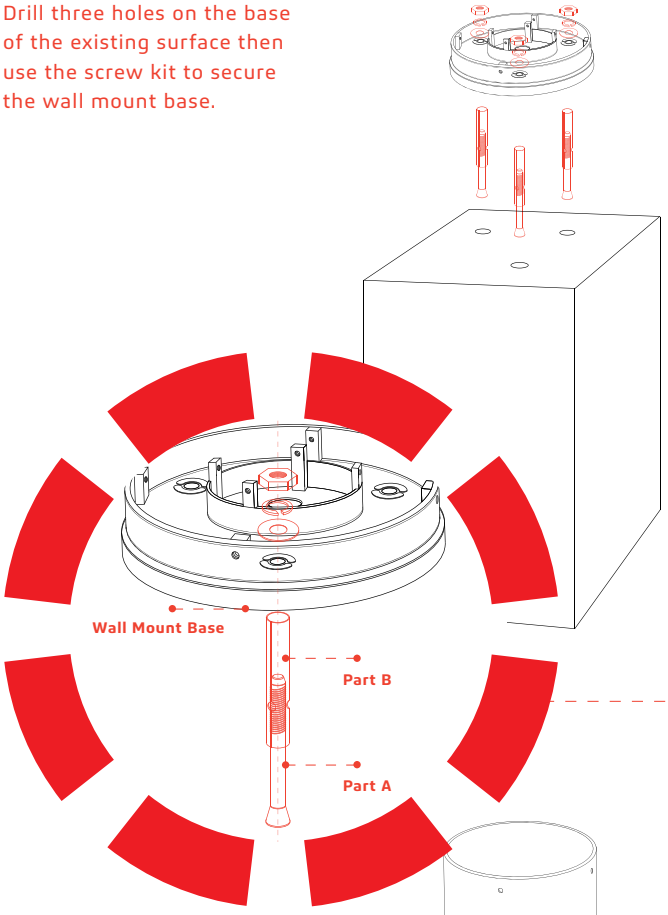
Use the screw kit to fix the light onto the pole.



WALL MOUNT

01

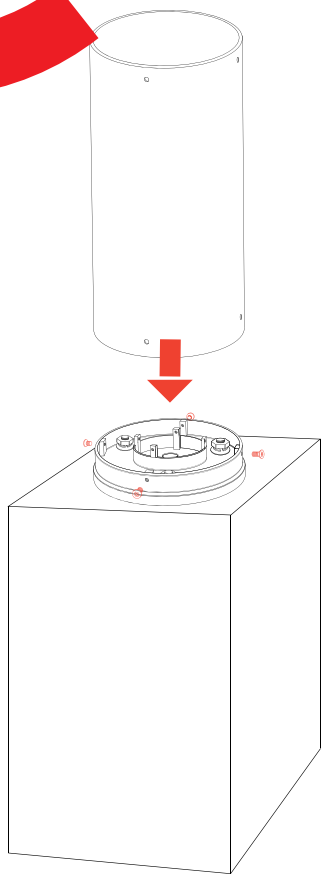
Drill three holes on the base of the existing surface then use the screw kit to secure the wall mount base.



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.

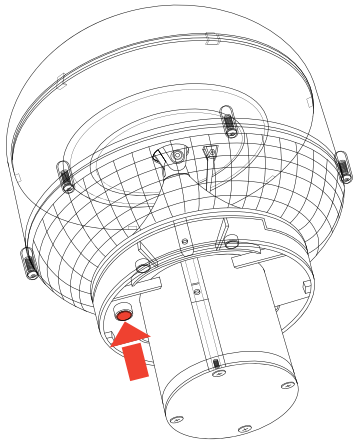
02

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



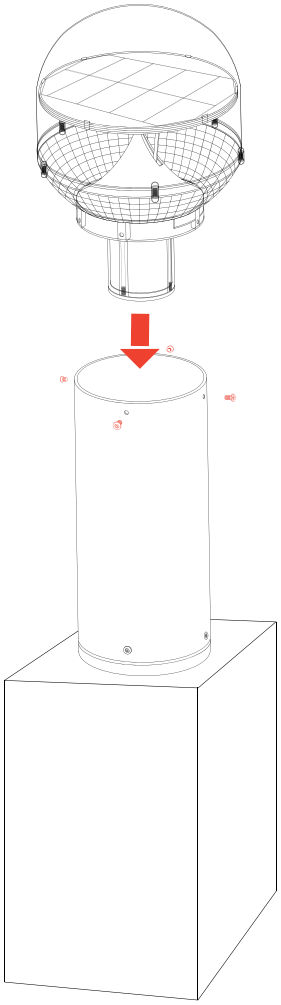
03

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



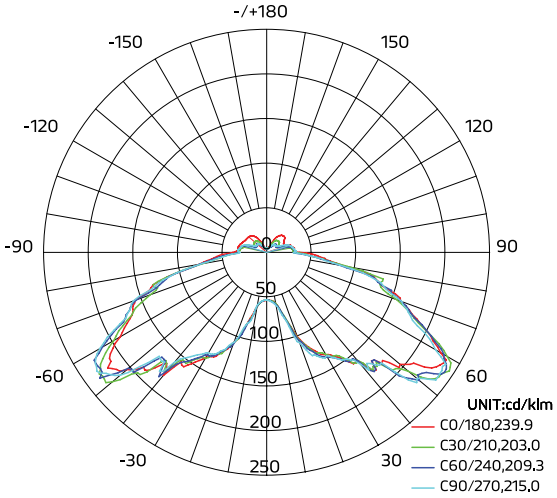
04

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

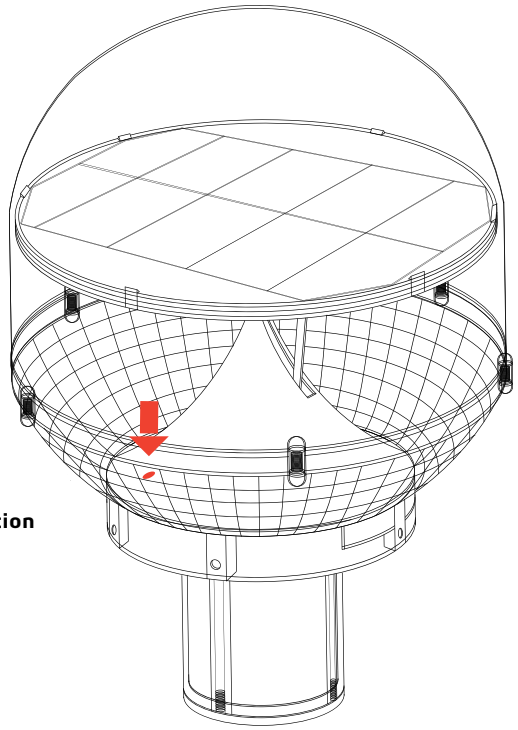


04 Light Distribution

SUNDIAL 3W



INDICATOR INTRODUCTION



Indicator location

Lighting Mode Indication
Press the button to switch between M1 (red) /M2(green) / M3 (Yellow); after 5 seconds, the indication mode turn to Capacity Indication.

M1: Red Light
300LM 5hrs + 100LM Till dawn
M2: Green Light
200LM Till dawn
M3 Yellow Light
100LM Till dawn

Capacity Indication

Green: ≥70%
Yellow: 30%~70%
Red: 30%

05 Warranty

SUNDIAL is 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.

SOLTECH Designs and Manufactures Advanced, Solar-Powered LED Technology.

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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

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