

## KEWARRA SOLAR BOLLARD

SKU# 229250

Rated Voltage 3.7 VDC

To ensure correct function and safety, please read and follow all instructions carefully before assembly, installation and use of the product. Please keep instructions for future reference.

### Warranty

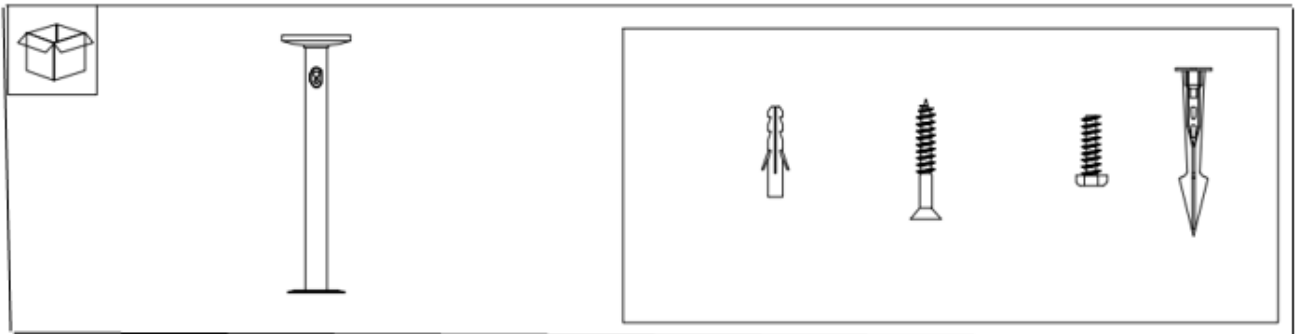
- This product is covered by a 5 year warranty from the date of purchase. Please retain proof of purchase.
- Warranty will be void if there is any damage due to improper usage or modification to the fitting.
- Failure to comply with the instructions in this manual may increase the risk of damage or injury and will void warranty.

### Installation requirements

- Select a suitable location for installation;
  - This product is suitable for outdoor use only.
  - This product is protected against water penetration to IP65 standards, which is splashing in every direction and is not designed to be immersed in water.
- Lay out all the components on a smooth surface and make sure there are no components missing before assembling. If parts are missing, return the complete product to the place of purchase for inspection or replacement.
- Check whether the fitting has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.

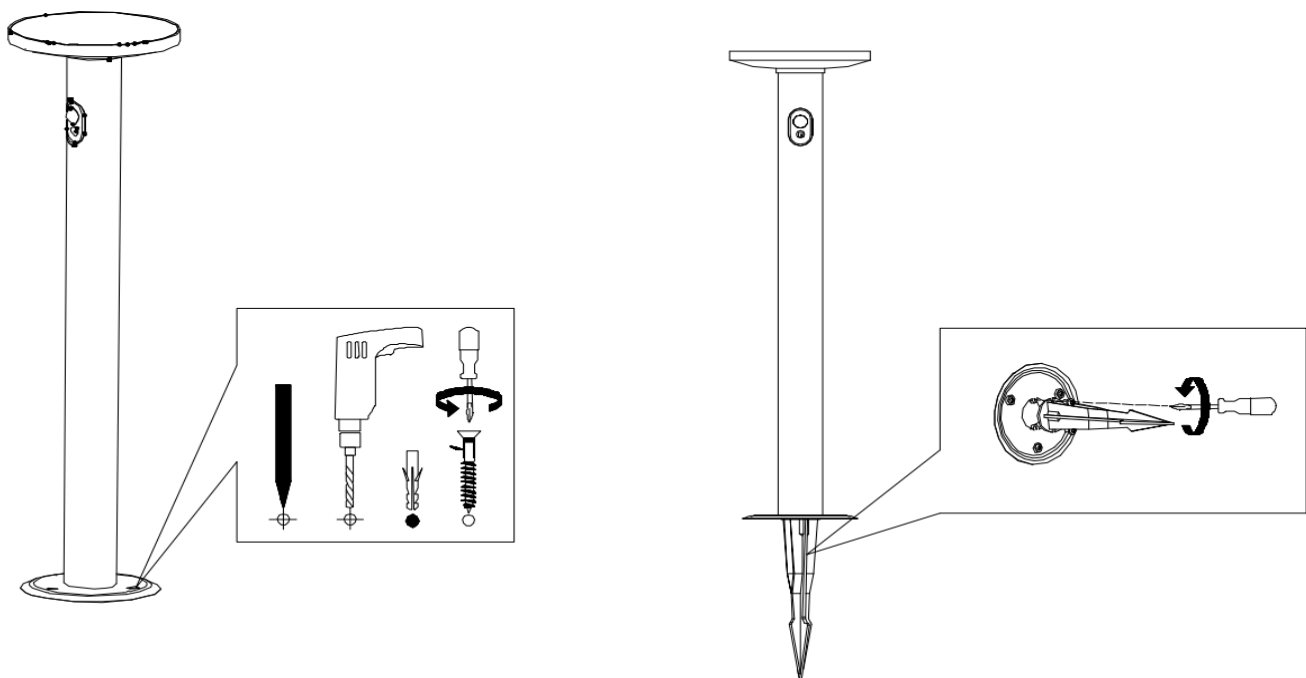
## Installation directions

1. Remove all packaging material from the product and be careful not to throw away accessories that may be hidden within the packaging materials.



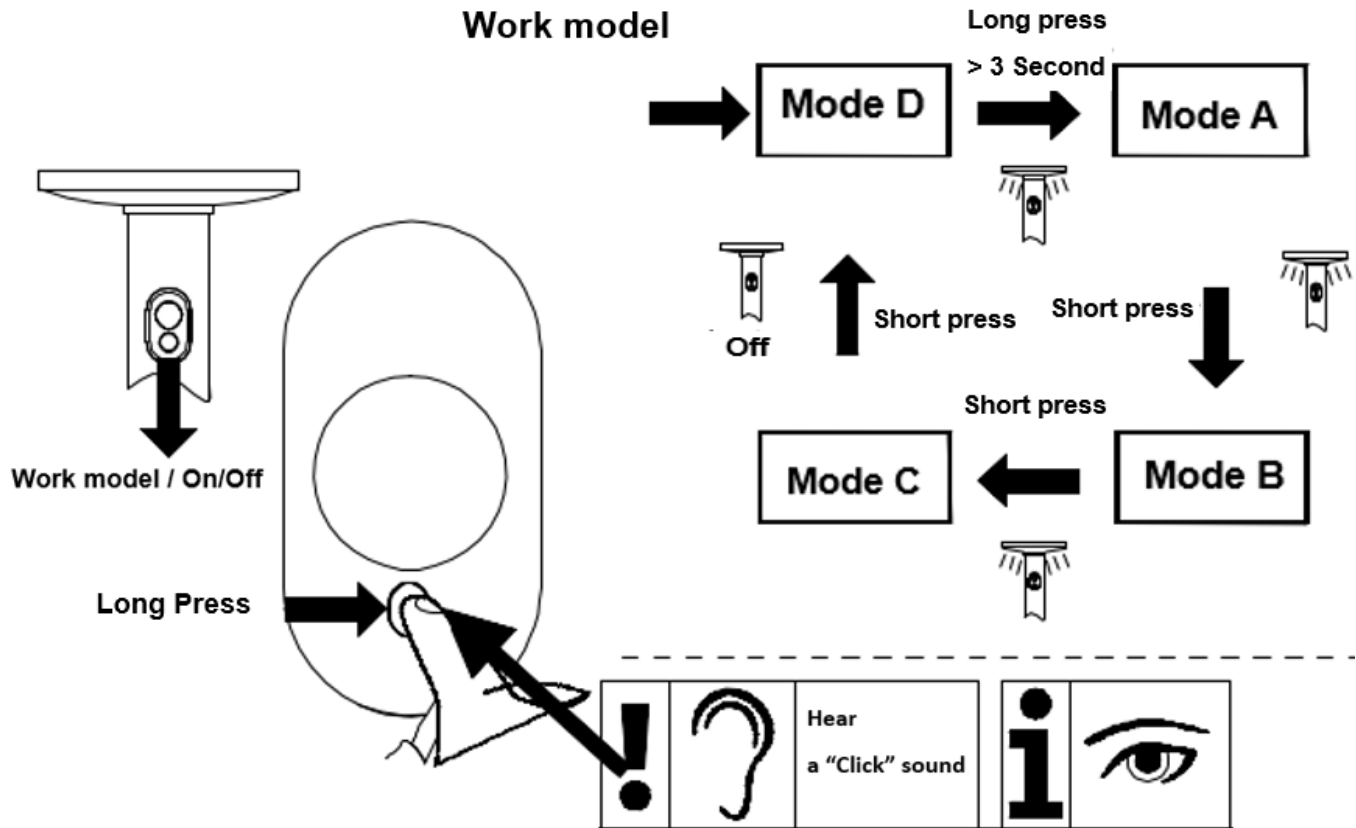
2. Install the fitting on the ground by locking the fitting base with screws and anchors.

**NOTED:** The spike is optional and detachable.



**Function:**

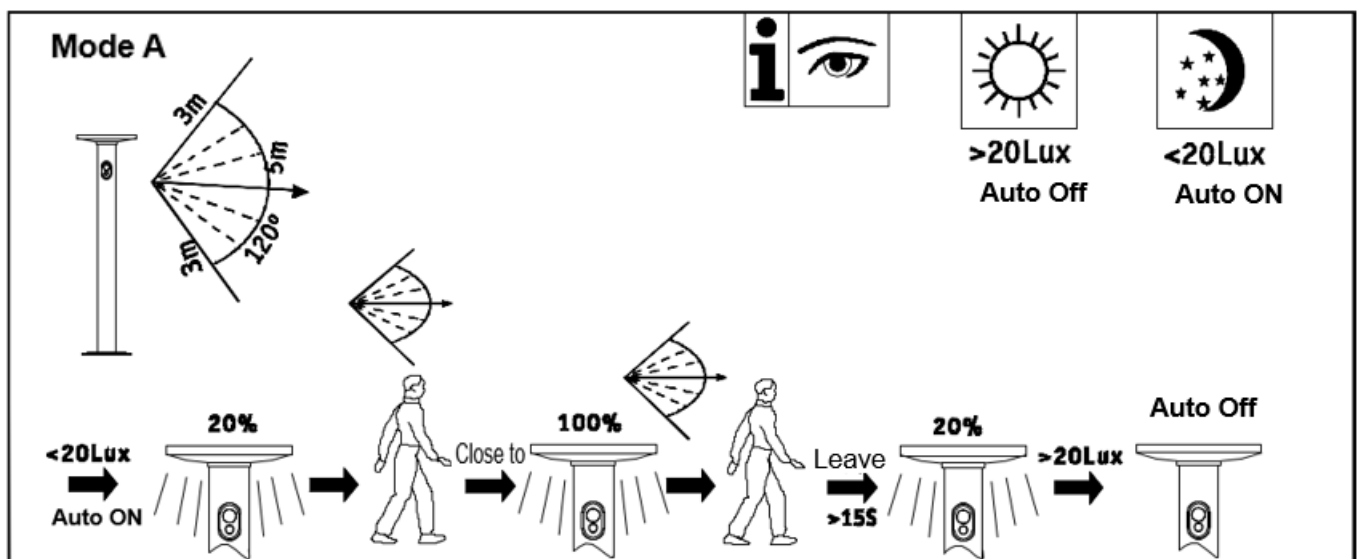
To turn ON/OFF, long press the power button until you hear a “click” sound.



**Work Mode:**

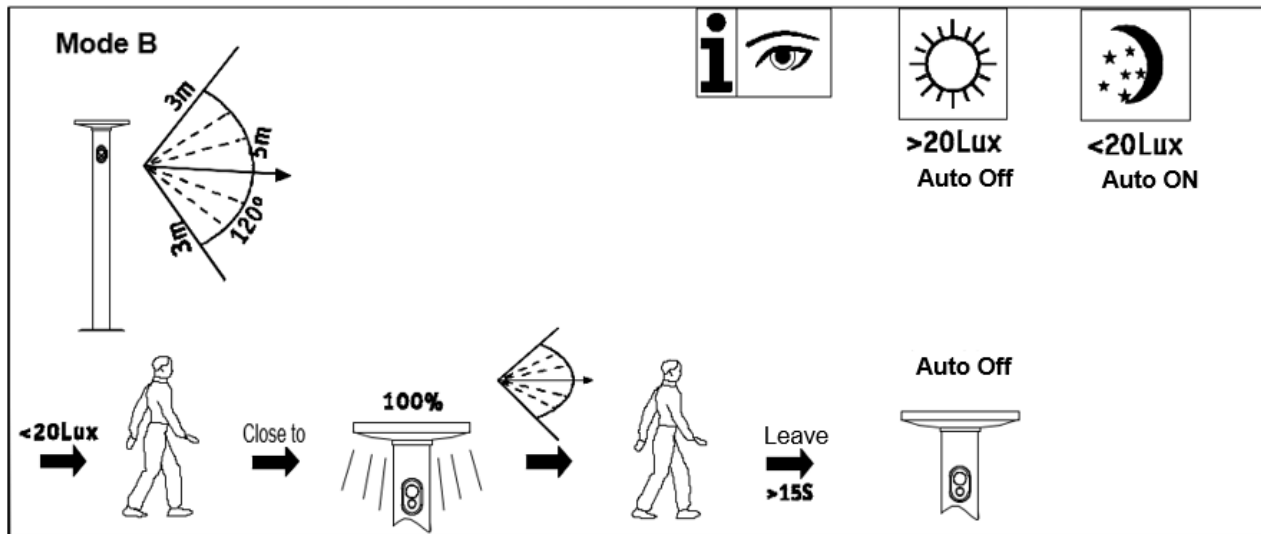
Mode A: 100%-20%, Long press sensor delay mode, when ambient light is <20 lux, when sensor movement it will light on at 100% brightness, after 15s of no movement will dim to 20%, and light off after 10s. When ambient light is  $\geq 20$ lux, the lamp body has no sensor function.

**Note: Long press for 3 seconds to switch to this mode**



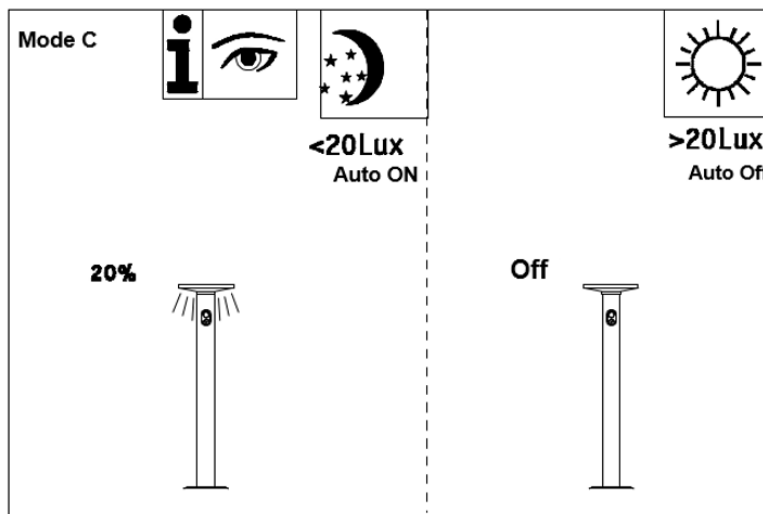
Mode B: 100% **Short press sensor delay mode**, when ambient light is  $<20$  lux, when sensor movement it will light on at 100% brightness, and turn off after 15s. When ambient light is  $\geq 20$ lux, the lamp body has no sensor function.

**Note: Short press to switch to this mode**



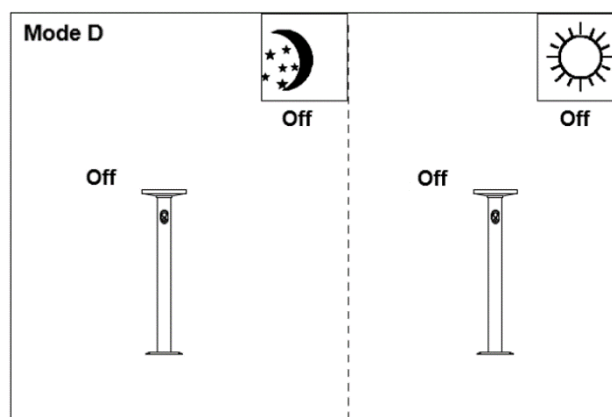
Mode C: 20% **Short press light on mode**, when ambient light is  $<20$ lux, no need for ultrared sensor, the light will stay on at 20% brightness. When the ambient light is  $\geq 20$ lux, the light will turn off.

**Note: Short press to switch to this mode**



Mode D: OFF **Short press to turn off**

**Note: Short press to switch to this mode**



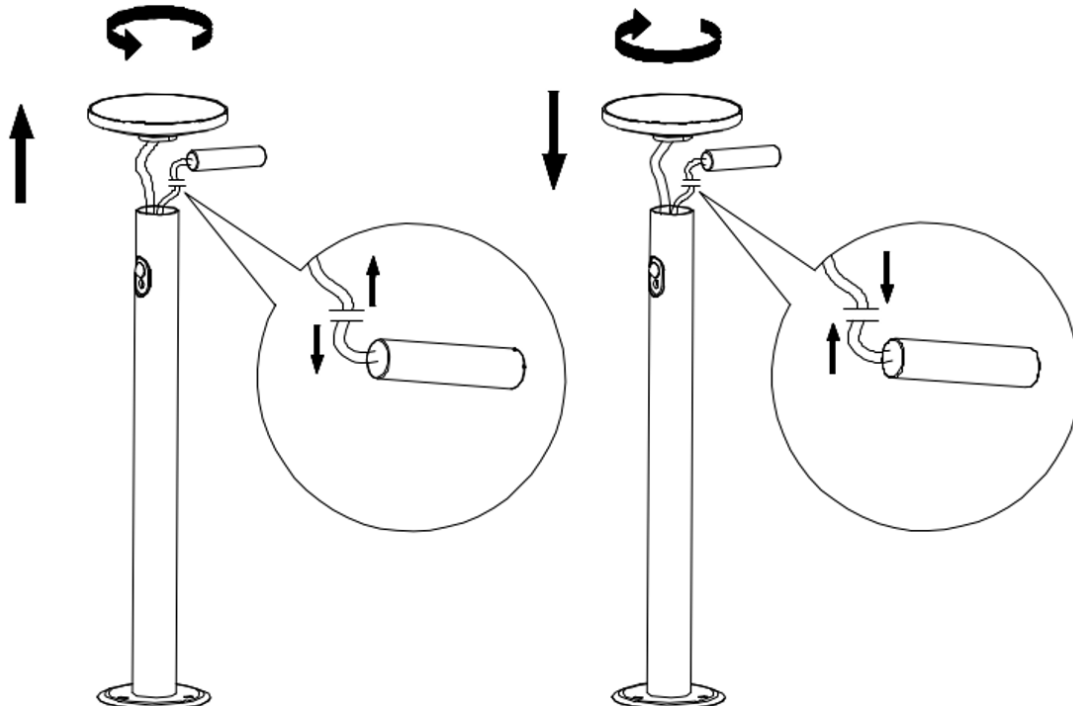
The fitting has a built-in rechargeable battery.

Battery full Charging time: ten hours under strongest direct sunlight or 100W halogen bulbs at 100mm direct lighting distance

Full battery: light up time > 8 hours when fully charged, Detection range: Max. 10M forward

IFR18650 li-ion battery 3.7V 2200MAH type battery located inside the unit has a limited life of up to 1 year. After this time the battery can be changed over with a new one simply by:

- Twist the top disc to separate the lamp head from the tube, disconnect the quick connector the take the battery out.
- Replace the battery with a new one. Re-connect the quick connector
- Twisith the top disc and let the lamp head back to the tube



## Safety tips

- Do not drop the system or make impact to the system.
- Do not turn on the ON/OFF switch during transportation, faulty condition, or dangerous condition (battery leakage, control unit box damaged / burned / high temperature).
- Do not install the fitting in a position where sunlight cannot reach the solar panel.

## Specifications

SKU	229250
Rated Voltage	3.7 VDC
IP Rating	IP65
Dimensions	H: 600mm D: 160mm
Battery	IFR18650 (3.7V 2200 mAh) rechargeable Li-ion battery
LEDS	>100 lumens, 1.5W, 3000K
Light up time	>8 hours when fully charged (and there has been sufficient sunlight)
Weight	1.0kg