S-tech
LED Lighting

Walkway
Solar Bollard Light

SOLARPOWERED

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Switch to Excellence

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Package Includes

1pc SBL-WS9 Solar Bollard Light   4pcs Dyna Bolts   1pc Allen Key   1pc Remote

Installation Instructions

The Walkway Solar Bollard requires a flat solid surface to be installed on. Following is the installation process.

Unscrew the base form the bottom of the pillar, if it's locked in place, slightly loosen the allen screw so that you can remove the base. Before continuing the next process, **take note of the sawtooth marking on the base as this determines the lighting direction of the bollard.** Place the pillar and light head in a safe location where it will not fall or get scratched or damaged whilst you carry out the installation of the base.

IMPORTANT TAKE NOTE!
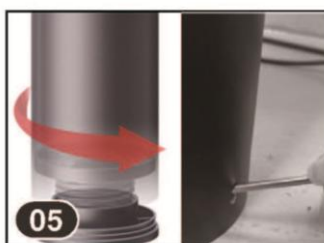
LIGHTING DIRECTION

The Sawtooth

Lay the base onto your prepared surface and mark out the mounting holes taking note of the sawtooth marking as explained earlier. Drill out the holes and install the base using the provided dyna bolts or your own preferred fixings.

01

02

If the light head is packed separately, attach the light head to the pillar by screwing it on and then lock into place using the allen key through the small hole in the light head, this is a security screw that stops the light head from being removed.

03

04

Screw the pillar onto the base and then again locate the small hole at the base and tighten the screw with the allen key to lock the pillar onto the base to avoid removal.

Your light is now installed and ready to program with the supplied remote control.

05

Walkway
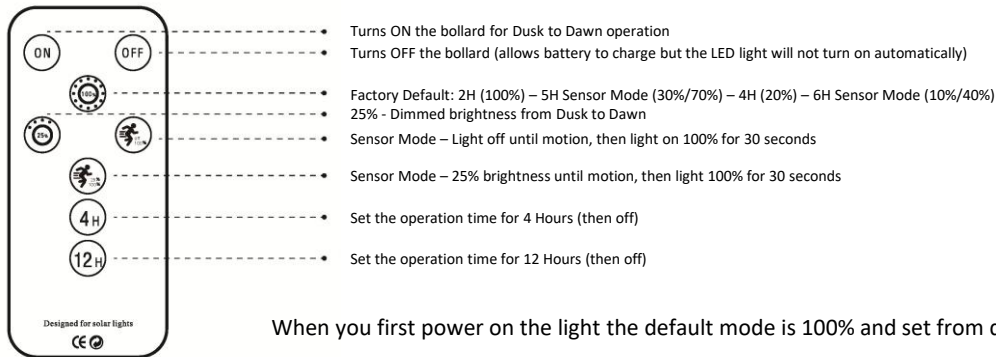### Solar Bollard Light

Remote Control

The light has a default factory setting; however, a simple remote has been included should you want alternative options. Use the remote control close to the bollard light (within ~1-2 metres), as the remote is InfraRed (IR) if using the remote in full sunlight then use it as close to the light as possible to ensure communication.

The LED Light will flash once when it receives an update of program from the remote.

Factory Default (Mode 100%):
2H (100%) – 5H Sensor Mode (30%/70%) – 4H (20%) – 6H Sensor Mode (10%/40%) During sensor mode, after 30 seconds since the last motion detected the light will dim back to the lower lighting level

Remote Control Operation:

- Turns ON the bollard for Dusk to Dawn operation
- Turns OFF the bollard (allows battery to charge but the LED light will not turn on automatically)
- Factory Default: 2H (100%) – 5H Sensor Mode (30%/70%) – 4H (20%) – 6H Sensor Mode (10%/40%)
- 25% - Dimmed brightness from Dusk to Dawn
- Sensor Mode – Light off until motion, then light on 100% for 30 seconds
- Sensor Mode – 25% brightness until motion, then light 100% for 30 seconds
- Set the operation time for 4 Hours (then off)
- Set the operation time for 12 Hours (then off)

Designed for solar lights
CE

When you first power on the light the default mode is 100% and set from dusk to dawn operation.

More detailed instructions on the remote operation are as follows:

ON — Turns on the light ready for automatic night-time operation. Defaults to last programmed mode

OFF — Turns off the light allowing the solar panels to charge the battery and will not allow the LED light to turn on automatically.

100% — Factory Default: First 2 hours light runs at 100% brightness (no sensor), following 5 hours sensor mode is activated where the light is at 30% brightness until motion sensed and it will increase to 70% brightness, following 4 hours light runs at 20%, final 6 hours or until dawn, the light will operate at 10% brightness until motion sensed and it will increase to 40% brightness.

25% — This mode does not use the sensor, this is constant brightness. Light is at 25% brightness from dusk to dawn.

Sensor — This mode is for standard sensor sensed, but the light is OFF when there is no motion. The light will remain off until motion is sensed, and it will increase to 100%. Light will stay bright until there is no longer any motion sensed, then the light will remain at full brightness for approximately another 30 seconds, then turn off.

Sensor 25% — This mode is the same as above, however the light will remain at 25% brightness when there is no motion. The light will remain at 25% until motion is sensed, and it will increase to 100%. Light will stay bright until there is no longer any motion sensed, then the light will remain at full brightness for approximately another 30 seconds, then dim back to 25%

4H / 12H — If you only need the light for several hours only, there is a timer function included in this light. You can set the timer for either 4 or 12 hours, then the light will turn off until the next light and the timer operation will continue.

To program the timer mode, select the operation required, then press either the 4Hrs or 12Hrs button as required. For example, you select 25% mode, then 4H, it will be at 25% for 4 hrs, then turn OFF.

To reset the timer function, just select the new mode and it will operate as dusk to dawn.

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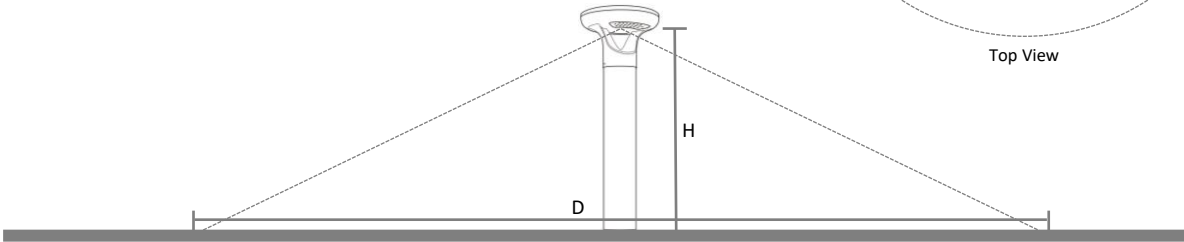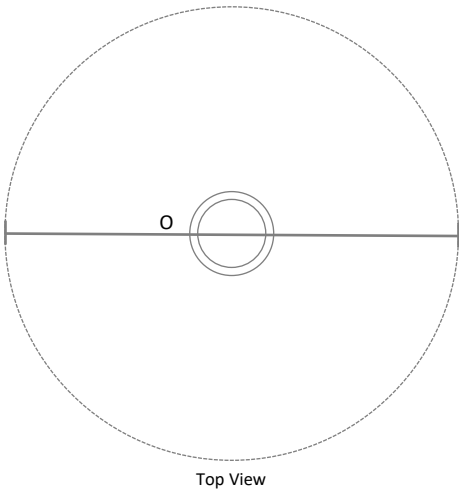Switch to Excellence

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Motion Sensor

When using the remote control, it's best to be as close as possible to the luminaire to ensure that the signal is received by only the light you are programming.

Installation height, the environment and other factors may affect the sensors detection area.

Microwave Sensor	
"O" (angle)	360°
"H" (light height)	0.84m
"D" (induction width)	5 – 8m

Top View

Trouble Shooting

Problem	Possible Reason	How to solve it
Light will not respond to the remote	Check the battery	Replace the battery with a new one
	Too far away	As the remote is IR, during the day the range is limited, please go as close to the light head as possible and face the remote towards the lens and try again
Light is OFF	Have not pressed the ON button on the remote control	Go close to the bollard and press the ON button on the remote control
	Solar panel in the shade for parts of the day	Consider trimming the trees / obstruction, or relocate the light to a position where it can receive full sunlight
	Debris on Solar Panel	Clean the solar panel
Light not lasting all night	Check Solar Panel Location	Refer above
	Continuous Rainy Days / Winter	During winter there may be some days that the light can not last all night, consider adjusting the program to shorten operation time.
	Battery life	Like your phone, batteries do lose their ability to hold the same charge as they did when they were new. Consider replacing the battery should the light continue not to operate as it once did.