



6.8w LED/Solar Bollard Light – RGBW

Product Features

- Complete Solar Bollard
- 900mm high (above ground)
- RGB and White (3000~6000K)
- Automatic night-time operation
- Intelligent controller
- Supplied with remote control
- Replaceable battery pack
- Minimal maintenance
- Aluminium Post, available as flange mount or direct bury
- IK10 Polycarbonate dome
- 120° Beam Angle
- IP65 Housing
- Weight: 3.7kg



Vandal Resistance
IK10



Specification Overview

Model	Power	Power Requirement	Colour Temp	Lumens	Beam Angle	Post Colour	Post Type	Dimensions
SBL-1MB-RGBW	6.8w	Solar	3000~6000K + RGB	400lm	120°	Black	Flange Mount	Light Ø260 x 140mm Post Ø110 x 760mm Overall Height: 900mm
SBL-1DBP-RGBW	6.8w	Solar	3000~6000K + RGB	400lm	120°	Black	Direct Bury	Light Ø260 x 140mm Post Ø110 x 1200mm Overall Height: 900mm (above ground)

Product Specification



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Refer to product drawings on the following page.

A Guide to Bollard Spacing

Below is a quick guide to allow a calculation of the number of bollards required for each type of application using the 6000K colour temperature setting. This is to be used as a guide only however should you require your design to meet the AS/NZ standard then we highly recommend using a lighting designer to provide an approved design for your project.
(Pedestrian path 1.5m wide)

Pedestrian / Cycle Activity	Risk of Crime	Maintained Illuminance	Spacing in Metres
N/A	High	2 lux	4m
High	Medium	0.7 lux	6m
Medium	Low	0.3 lux	8m
Low	Low	0.14 lux	11m

* S-Tech solar products are designed for dusk to dawn operation with added allowance for winter conditions, however you must be aware that in winter months it is possible that some nights the light will not last all night due to inclement weather conditions limiting charging time. Solar is not recommended for any locations classed as critical lighting areas where lighting is required all night.

Specification

Model	SBL-1MB-RGBW	SBL-1DBP-RGBW
Mounting Type	Flange	Direct Bury
Colour Temperature	RGB + 3000K ~ 6000K	
Lumen (lm)	400lm	
Efficiency (lm/w)	>120lm/w	
Light Source	LED	
CRI (%)	≥80	
Beam Angle	120°	
Power Requirement	Solar Powered	
Battery	36wH Lithium LifePo4	
Charging Time	~6 Hours	
Operation Time	Dusk to dawn*	
Housing	Aluminium post with PC light head	
Lifespan	>40,000 hours	
Operation Temperature	-10°C~+40°C	
Product Dimension (light)	Ø260 x 140mm	
Product Dimension (post)	Ø110 x 760mm	Ø110 x 1200
Product Dimension	Ø110 x 900mm (above ground)	
Impact Rating (light head)	IK10	
Weight	3.7kg	
Protection Rating	IP65	
Warranty	2 Years	

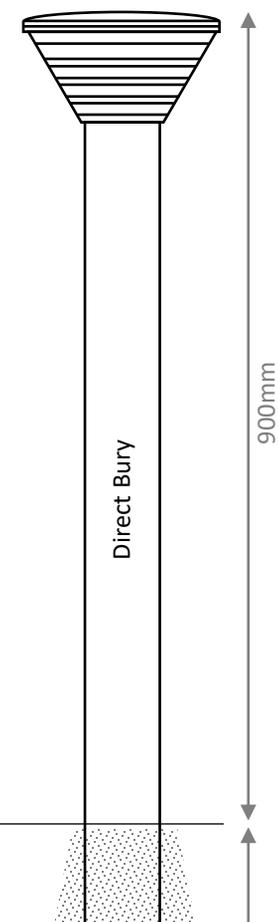
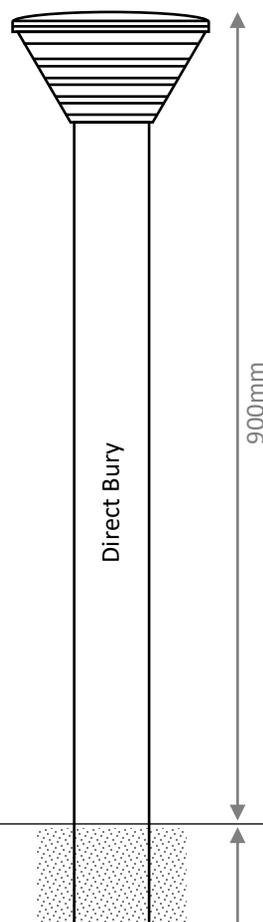
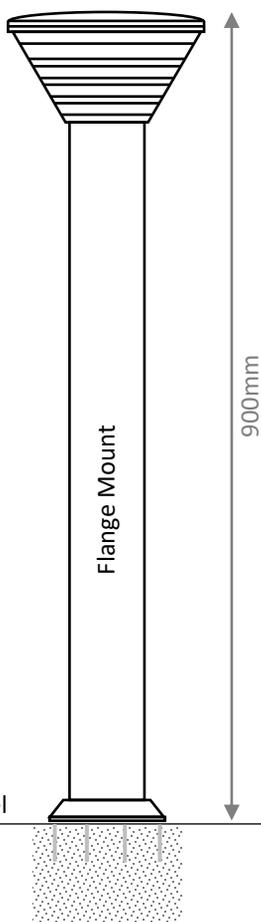
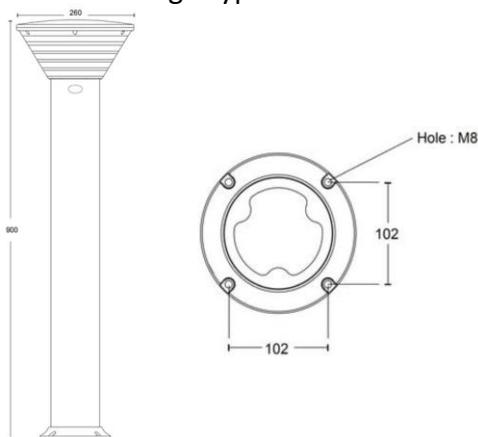
Specifications are subject to change without notice

Product Specification

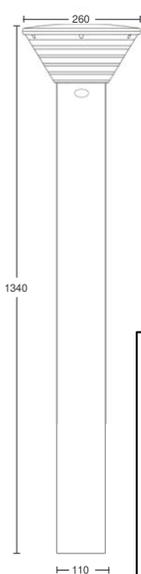


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Standard Flange Type



Direct Bury Type



Direct Bury: Minimum post depth is 1/3 of the above ground height + 100mm drainage
 Hole Depth = $(900\text{mm} / 3) + 100\text{mm} = 400\text{mm}$
 Our post length is 1200mm, allowing the option for additional height above the ground or additional below the ground to suit your requirements.

*For loose or sandy soil, it's best to have a larger foundation