

Product Specification



Solar Street Light
SOLENZA Post Top – 4,000lm



Product Features

- 80w Metal Halide Equivalent
- 4000K
- Inbuilt Motion Sensor – Dimmed brightness (30%) until motion activated
- Auto setting for dusk to dawn lighting*
- Remote control allows brightness, lighting time and sensor mode settings
- Automatic night time operation
- Fits Ø76mm vertical spigot
- 180° Beam Angle
- IP65 Housing
- IK10 Impact Rating
- Weight: 8.9kg

Specification Overview



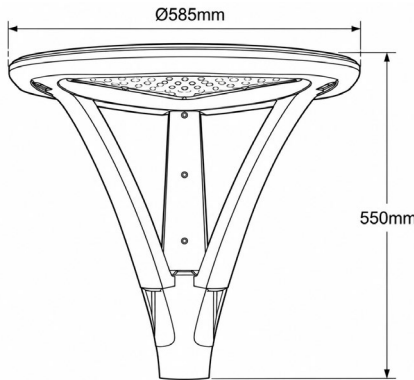
Model	Equivalent	Colour Temp	Lumens	Beam Angle	Trim Colour	Dimensions
SSL-PTL40	80w MH	4000K	4,000lm	180°	Black	Ø585 x 550mm

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80w
Equivalent
(MH)

Model	Power	Lumens	CCT	Dimension (Dia x D)	Weight
SSL-PTL40	80w Equivalent (Metal Halide)	4,000lm	4000K	Ø585 x 550mm	8.9kg

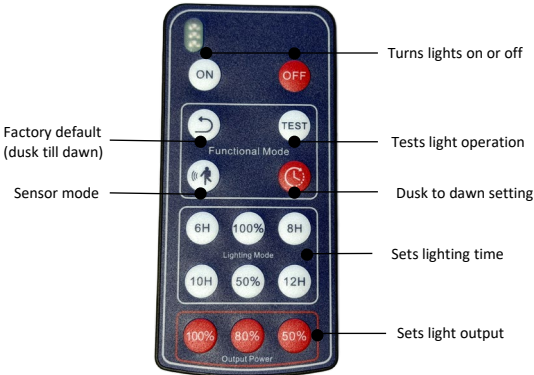
Specification				Dimensions	
CCT	4000K	Housing	Aluminium		
Efficacy	>130lm/w	Lens	Polycarbonate		
CRI (%)	≥80	Housing Colour	Black		
Beam Angle	180°	Operation Temperature	-25°C to +65°C		
Solar Panel	36w	Lifespan	>40,000 hours		
Battery	LifePO4, 3.2V 144WH	Remote Control	IR		
Charging Time	~6 Hours (from 0-100%)	Motion Sensor	Microwave		
Operation Time	Dusk to dawn* 1H 100%, 1.5H 80%, 1.5H 60%, 3H 40%, 7H 20%	Sensor Range	≤9m		
Impact Rating	IK10				
Protection Rating	IP65	Warranty	2 Years		



A Guide to SpacingRemote Control Instructions

Below is a quick guide to allow a calculation of the number of lights required for each type of application (CCT: 6000K). 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)

Category	Pedestrian / Cycle Activity	Risk of Crime	Min Point Lux Level	Spacing in Metres (@ 4m High)	Spacing in Metres (@ 6m High)
PP1	High	High	2 lux	13m	18m
PP2	High	Medium	1.0 lux	14m	20m
PP3	Medium	Medium	0.5 lux	15m	21m
PP4	Medium	Low	0.25 lux	17m	22m
PP5	Low	Low	0.14 lux	19m	24m



* 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.