

Product Specification



Solar Street Light
Post Top – 4,000lm



Product Features

- 80w Metal Halide Equivalent
- 2 Colour Adjustable 3000K, 6000K (remote select)
- 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
- Rotatable installation to allow for ultimate direction to achieve best charging results
- 120° Beam Angle
- IP65 Housing
- IK10 Impact Rating
- Weight: 12.2kg



Specification Overview

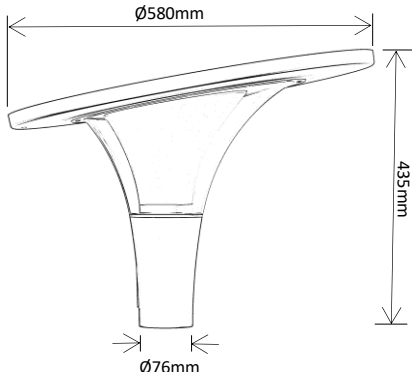
Model	Equivalent	Colour Temp	Lumens	Beam Angle	Trim Colour	Dimensions
SSL-PTL30	80w MH	3000K + 6000K	4,000lm	120°	Black	Ø580 x 435mm

Solar Street Light
Post Top – 4,000lm

80w
Equivalent
(MH)

Model	Power	Lumens	CCT	Dimension (Dia x D)	Weight
SSL-PTL30	80w Equivalent (Metal Halide)	4,000lm	3000K + 6000K	Ø580 x 435mm	12.2kg

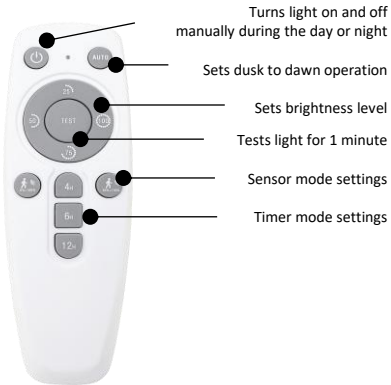
Specification				Dimensions	
CCT	3000K + 6000K	Housing	Aluminium		
Efficacy	>130lm/w	Lens	Polycarbonate		
CRI (%)	≥80	Housing Colour	Black		
Beam Angle	120°	Operation Temperature	-20°C to +70°C		
Solar Panel	42w	Lifespan	>40,000 hours		
Battery	LifePO4, 12.8V 154WH	Remote Control	2.4G (up-to 25m)		
Charging Time	~8 Hours (from 0-100%)	Motion Sensor	Microwave		
Operation Time	Dusk to dawn* 4hrs 100% > 4hrs 50% > 5hrs 30% (with sensor)	Sensor Range	≤10m		
Impact Rating	IK10				
Protection Rating	IP65				Warranty



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)

Pedestrian / Cycle Activity	Risk of Crime	Maintained Illuminance	Spacing in Metres
N/A	High	2 lux	19m
High	Medium	0.7 lux	28m
Medium	Low	0.3 lux	35m
Low	Low	0.14 lux	48m



* 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.