

Product Specification



LED Solar Street Light
Separate Panel – 6,000lm



Product Features

- 120w Metal Halide Equivalent
- 5000K
- 100% operation, dusk to dawn
- Fits 60mm spigot size
- Supports pole top or spigot mount
- Automatic night-time operation
- MPPT intelligent controller
- Aluminium die cast housing
- Adjustable solar panel allows for ultimate angle and direction to achieve best charging results.
- 155/70° Beam Angle
- IP08 Housing
- IK10 Impact Rating
- Weight: 32kg

Options:



Pole top spigot adaptor



Mounting Pole



Specification Overview



Model	Equivalent	Colour Temp	Lumens	Beam Angle	Trim Colour	Dimensions
SSL-G340CF	120w MH	5000K	6,000lm	155/70°	Dark Grey	Light: 713 x 297 x 384mm Panel: 1300 x 660 x 30mm

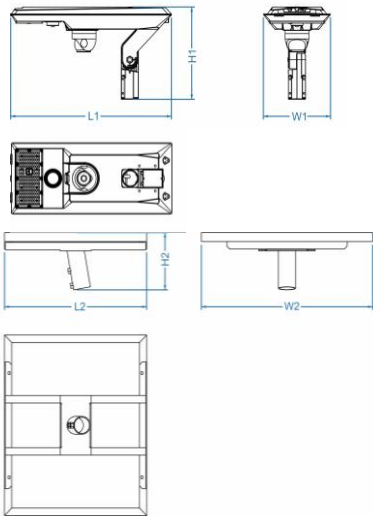
Solar Street Light
Separate Panel – 6,000lm

120w
Equivalent
(MH)

Model	Power	Lumens	CCT	Light Dimension (W x H x D)	Solar Dimension (W x H x D)	Weight
SSL-G340CF	120w Equivalent (Metal Halide)	6,000lm	5000K	713 x 297 x 384mm	1300 x 660 x 30mm	32kg

Specification				Dimensions	
CCT	5000K	Housing	Diecast aluminium		
Efficacy	>150lm/w	Lens	Polycarbonate Diffuser		
CRI (%)	≥80	Housing Colour	Dark Grey		
Beam Angle	155° / 70°	Operation Temperature	-10°C to +55°C		
Solar Panel	154w	Lifespan	>40,000 hours		
Battery	LifeP04 718wH	Remote Control	N/A		
Charging Time	~6 Hours	Motion Sensor	N/A		
Operation Time	Dusk to dawn*	Sensor Range	N/A		
Impact Rating	IK08				
Protection Rating	IP65	Warranty	5 Years		

Technical drawings of the light fixture showing side, top, and front views with dimensions L1, H1, W1, L2, H2, and W2.



* 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.

Product Specification



LED Solar Street Light Separate Panel – 4,000lm



System Features



- Installation angle -15° to +15° adjustable
- Supports pole top or spigot mounting



- Die cast aluminium housing, tool-free opening for maintenance
- Corrosion resistant powder coating with S/Steel fixings

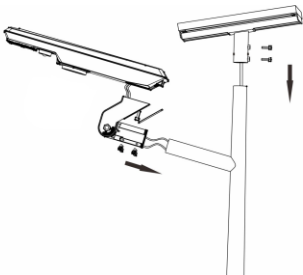


- Temperature protection system
- 3 way temperature control via battery, battery pack and system controller



- MPPT controller, 15-20% higher efficiency than PWM controllers
- Low battery level dimming to prolong LED lighting time

Installation methods



A Guide to Spacing

Below is a quick guide to allow a calculation of the number of lights required for each type of application. 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, 4m high pole)

Pedestrian / Cycle Activity	Risk of Crime	Maintained Illuminance	Spacing in Metres
N/A	High	2 lux	29m
High	Medium	0.7 lux	36m
Medium	Low	0.3 lux	42m
Low	Low	0.14 lux	48m

Brightness Control



No motion sensor



100% brightness
from dusk to dawn