



ASTRID

HIGHLITE SPSL3-V3

SOLAR LIGHTING

125w / 150w / 175w / 200w

STREET LIGHTING

CAR PARKS

NO POWER AREAS

PARKS & RECREATIONAL

SPORTS PITCHES

FEATURES:

- 125w up to 200w
- 200lm/w
- 20,000lm up to 40,000lm
- Available in 3/4/5/6K colour
- Hybrid option
- PTC Heating Function
- Infrared Sensor
- Bifacial Solar Panel
- Anti-Bird Spike - optional
- Fully Rotatable Body
- Rotatable LED modules - 30°
- 50,000hrs/L80 Life
- Charging Time 4-10 Hours
- Run Time - Regulating output up to 43hrs
Full Output - up to 16 Hours.
- IP65 Rated
- IK08 Impact Rated
- Operating Temperature -40° to +65°C

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The Astrid HighLite SPSL3-V3 Solar Street Light range is packed with features. Producing up to 40,000lm (200W version) at full output on a full charge and able to run for a up to 43 hours they outperform most of their competitors.

The Astrid HighLite SPS3L-V3 range comes with a built in PTC heater that will keep the fitting performing to its fullest in temperatures as low as -40°C.

The fully rotatable body and modules ensure the light is directed to exactly where it is needed.

The built in infrared sensor brings the fitting to full output when presence is detected and after 1 hour of non-detection it will drop down to 80%, then to 60% for the following 2 hours at which point it will stay at 25% providing improved battery life.

Available in a Hybrid option which will work off mains secondary when the battery reaches its low threshold and kicks back onto battery once charged up again ensuring light is always available.

TECHNICAL & OPTIONS:

ASTRID HIGHLITE	SPSL-3-V3-125W	SPSL-3-V3-150W	SPSL-3-V3-175W	SPSL-3-V3-200W
Solar Panel	200W	200W	260W	260W
LED Chip	Philips 5050			
Size	L130 x W45cm	L130 x W45cm	L106 x W80cm	L106 x W80cm
Luminary Efficacy	200 Lm/W			
Power	125W	150W	175W	200W
Lumens	25000 Lm	30000 Lm	35000 Lm	40000 Lm
Optical Lens	140 x 70 Deg. Type III / Type II			
CCT	3000K - 6500K (Typical 6000K)			
Battery	Li-ion 12V 52Ah	Li-ion 12V 62.4Ah	Li-ion 12V 135.2Ah	Li-ion 12V 208Ah
Charging Time	3.5 hrs	4 hrs	6 hrs	9.5 hrs
Discharging Time	5-7 days @ Dim mode (can be customised before delivery)			
Motion Sensor	Optional choice, 20-25m detective distance (Typically without motion sensor)			
IP Grade	IP65			
Pole Height	3-8 metres depending on requirements			
Weight	30kg	32kg	42kg	50kg
Wind Load	130mph (>45m/s)			
Controller	MPPT (6KV SPD)			
Smart Tech	ASW 3.0 Patent technology can allocate the power in different weathers or in different seasons, it can prolong illumination time, enhance customers experience.			
PTC	PTC Auto-heater system enabling the light to work below -40° in winter.			

Standard Working Mode - (1st Hour 100% output, 2nd Hour 80% output, 3-4th Hour 60% output, then 25% output onwards. If at any point during this process detection is made output will return to 100%).
Sensor Dimming Mode - (1-2 Hours 100% output, 3-12 Hours Dimming = 20% output. If at any point during this process detection is made output will return to 100%). Can be customised.