

HAWK-LITE SOLAR STREET LIGHT

Unique structure design

The Hawk-Lite is an integrated light with the solar panel, LED body, battery and controller all in one making an aesthetically sleek looking luminaire which is easy to transport, install and maintain. The Solar panel can be adjusted manually in vertical and horizontal direction, ensuring the maximum efficiency of solar energy. Unique fault indicating system includes over discharging of battery, system over voltage, LED load in short circuit and LED load in open circuit. Available in high powered versions for more demanding applications.



Remote Setting



Microwave Sensor Optional



MC4 Plug Connection



Lithium Battery



12 Hrs/Day
130 LM/W



Innovative Design

Advantages & Applications

Unique integration design

Easy to transport, install and maintain.

Rotating solar panel

In vertical and horizontal direction.

Charge and discharge management

Protects battery by software and hardware, supporting battery charge at 0v.

Light efficiency management

Patent led chip, high efficiency, up to 160lm/w.

Microwave motion sensor

Radar controlled, called Doppler effect. More intelligent, energy-saving.

Control mode management

6 work modes for choice.

Patent bat-wing lens

Much wider lighting area, maximising the light output on the road. Increasing the distance between lights to 50m.

Hawk-Lite Solar Street Lighting offers a totally off grid lighting solution and can cater for many applications such as:

- Council roads
- Adopted roads
- Residential areas
- Driveways and pathways
- Retirement villages
- Housing estates
- Business parks
- Storage areas
- Site offices
- Perimeter security
- Construction sites

Sun-Lite can offer a slimline designed all in one street light and a more powerful all in two street light for more demanding applications.

SPECIFICATION

	Type	SL-HL50	SL-HL65	SL-HL80	SL-HL100	SL-HL150-C	SL-HL200-C
Panel	Power	50W/18V	65W/18V	80W/18V	100W/18V	150W/18V	200W/18V
	Material	Mono crystalline silicon					
	Solar cell efficiency	19-20%	19-20%	19-20%	19-20%	19-20%	19-20%
	Dimensions	610x541mm	666x610mm	765x666mm	915x666mm	1320x666mm	1830x666mm
Lithium battery	Capacity	170WH/12.8V	170WH/12.8V	170WH/12.8V	170WH/12.8V	170WH/12.8V	170WH/12.8V
	Charge cycle times	2000 times	2000 times	2000 times	2000 times	2000 times	2000 times
Lamp head	Luminous flux	1800-2100lm	2500-2800lm	3600-4200lm	5000-5600lm	7200-7500lm	8400-9600lm
	Light output	15W	20W	300W	40W	50W	60W
	LED qty	40pcs	40pcs	60pcs	60pcs	60pcs	60pcs
	LED chip	Bridgelux 160lm/w					
	Colour temperature	3000-6500K					
	CRI	≥70Ra					
	Lamp head material	Aluminium alloy					
	Elevation angle	12° (attention to Dialux use)					
Lifespan	50000hrs						
System	Light control voltage	5V					
	Light distribution	Batwing lens with polarised light					
	Beam angle	X-axis: 140° Y-axis: 50°					
	Lighting time	2-3 rainy days (fully charged)					
	Operation temp	-20°C-60°C					
Installation	Top diameter of pole	70mm					
	Mounting height	5-8m			7-12m		
	Installation space	10-20m			20-30m		

Dimensions

