

FLY-LITE MINI SOLAR STREET LIGHT

Unique structure design

The Fly-Lite Mini 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.



Remote Setting



Microwave Sensor Optional



MC4 Plug Connection



Lithium Battery



12 Hrs/Day
130 LM/W



Innovative Design

Advantages & Applications

Wireless application

Easy installation & low cost

Solar panel angle adjustable

Good heat dissipation

Environmentally friendly

No Hg, Pb or other hazardous materials..

Micro-computer controlled

Perfectly combined light and time control system ensuring total energy-efficiency.

Extreme light

Light efficiency reaches 210lm/w, at the same illumination. Lower watt available. IP65 grade. TVS lighting protection.

Lithium battery

For a longer life.

Modular design

Battery can easily be replaced if needed.

Fly-Lite Mini 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-FL15	SL-FL65C	SL-FL80C
Lamp power	15W	15W	20W
Solar panel	50W/18V	65W/18V	80W/18V
Solar cell efficiency	19-20%	19-20%	19-20%
Panel dimensions	610mm x 541mm	666mm x 610mm	765mm x 666mm
Capacity	170WH/12.8V	195WH/11.1V	275WH/11.1V
	(LifePO4 battery)	(Tertiary battery)	(Tertiary battery)
LED qty	24pcs	24pcs	24pcs
Luminous flux	2260lm	2260lm	3000lm
Charge time (full sun)	5.5 hours		
LED chip	Bridgelux		
Colour temperature	30000-6500K		
CRI	≥70Ra		
Light control voltage	5V		
Light distribution	Bat wing with polarised light		
Lighting time	2-3 days		
Sensor distance	5-10m		
Sensor time	20-30s		
Working temp	20°C-+60°C		
Lifetime	≥50000 hours		
Material	High quality aluminium alloy, die-cast aluminium		
Pole top diameter	60mm		
Mounting height	5-6m		
Installation spacing	10-30 metres		

Dimensions

