

**2018
New**



Solar Street Garden Light

All-in-One, Adjustable, 4 Installation methods, Plug and Play Lighting.

an all-in-one solar street lighting solution that delivers sustainable lighting without the burden of rising electricity cost and increasing carbon footprint.



Integrated Solar Street Light

The uniquely integrated design incorporates the LED light engine, adjustable photovoltaic panel and long lifespan NiMH battery into one lighting system, thereby significantly simplifying installation and reducing cost – no trenching, no cabling or on site assembly required. An ideal plug and play system for off-grid applications.

Features

- Auto ON/OFF, working 12hrs per night, 3-5 back up rainy days
- 2100-8000 lumens @ Initial
- Use Bridgelux 5050 Led chip or Cree 3030 Led chip
- High LED Luminous efficiency up to 180-210lm/w
- Two light distributions available
150 x 70 for road lighting, 150 x 80 for area lighting. Lighting area expanded by 40%, lighting uniformity increase to 200%
- -20°C + 75°C operating temperature
- Post Top and side entry mounting
- 4 to 10 meters mounting height, fits standard poles 80mm

Benefits

- All-in-One adjustable design, plug and play, easy to install and maintain
- Innovative NiMH battery allows more than 6000 deep cycles ensuring reduced maintenance and is eco-designed and fully recyclable
- Remote+ 4 working modes
- Luminaire body made from all die-casting aluminum, anti-corrosion
- Smart lighting management system optimizes lighting program and enhances battery lifespan
- Options: Wireless Intelligent lighting management system

Product Dimension

550x220x200mm
L W H

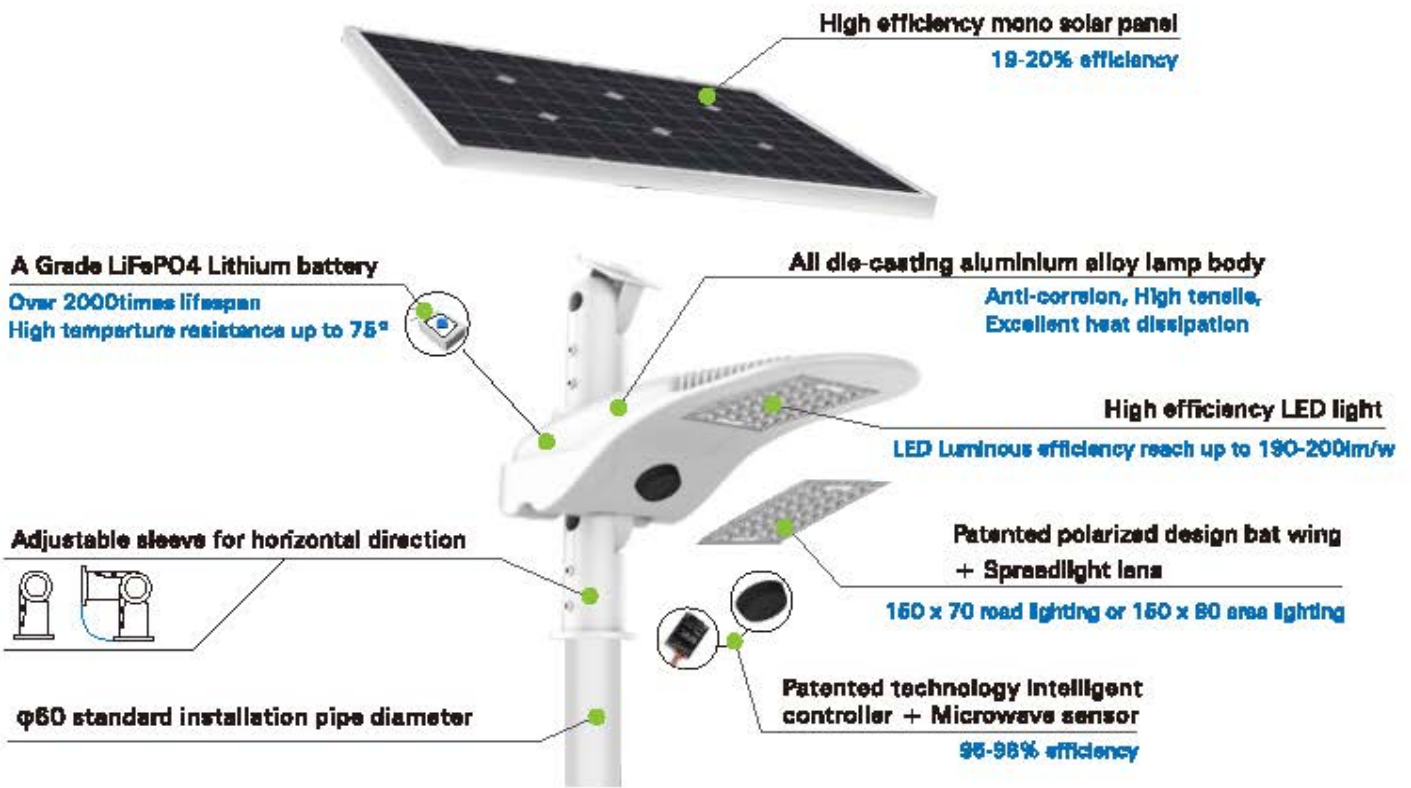


Performance

Lighting Management. FP Series offers a smart lighting management system with different lighting programs available, such as:

MODEL L Light control	100%-1hr, 70%-3hrs, 20% till dawn.
MODEL T Time control	100%-2hrs, 70%-2hrs, 50%-2hrs.
MODEL M Microwave control	100% if people come close, 30% far away.
MODEL U Time+ Microwave control	100%-2hrs, 70%-2hrs, 50%-2hrs, sensor working 50%, if people come close, 20% far away.

Product details



Optional installation methods



Horizontal installation



Vertical installation



AC Type FP Series

Applications

Pathways, car parks, remote off-grid locations.



Light distribution curve

STREET LIGHT PHOTOMETRIC TEST REPORT (5050)

DATA OF LAMP		PHOTOMETRIC DATA REF: IES LM-79			
MODEL	TYPELED 5050S5	Beam (cd)	2900	h_street_up (%)	0.0
BEAM ANGLE (°)	40	10M (%)	150.0	h_street_down (%)	88.0
BEAM VOLUME (°)	40	FOOT CANDLE (lx)	71.00	h_hanna_up (%)	0.0
BEAMING ANGLE (°)	7.829-87.9	BEAMING @ (C.g.)	10.87.0	h_hanna_down (%)	81.0
LAMP EFFICIENCY	1	h_up (%)	0.0	FOOT CANDLE (lx)	0.00100
BEAM VOLUME (°)	40	h_down (%)	100.0	MAX	21.250

STREETLIGHT ISOCANDELA DIAGRAM (5050)

