

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-gird applications.

Features

- Auto ON/OFF, working 12hrs per night, 3-5 back up rainy days
- 2100-8000 lumens Ø initiel
- Use Bridgelux 5050 Led chip or Cres 3030 Led chip
- High LED Luminous efficiency up to 190-210Im/w
- Two light distributions evallable 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 polep60mm

Benefits

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

Product Dimension

550x220x200mm L W H





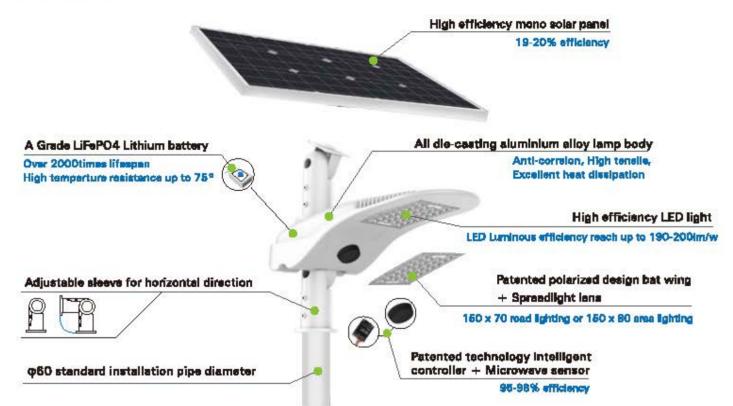
Performance

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

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



Product details



Optional installation methods



Applications

Pathways, car parks, remote off-grid locations.

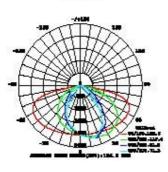


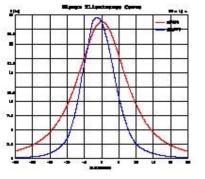
Light disribution curve

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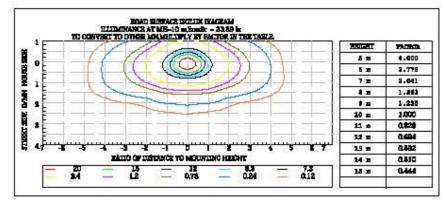
STREET LIGHT PHOTOMETRIC TEST REPORT (5050)

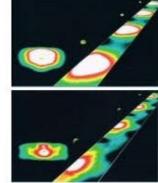
INTERNET DIFFERENCE PLANE.





Photometric analysis (FP-05A)





Type II suits ganeral road lighting requirements. I.e ocuntry road, emergency exit, residential area.

Type III suite wide read lighting requirements. I. e express way, parking lot, shopping plaze, scienic park.

Technical Data

Product Code	Lumene	Mono Soler Penel	LIFePO4 Battery	Working Time	Colour Temp	Senace	Weight (Kg
FP-01A	2000lm	40W/18V	BAH/12.8V	12 hra per night 3-5 rainy daya	3000K-6500K (6000K default)	√ Microwava	12kg
FP-02A	3000lm	60W/18V	12AH/12.8V				14kg
FP-03A	4000im	60W/18V	15AH/12.8V				16kg
FP-04A	6000im	60W/18V	16AH/12.8V				18kg
FP-OEA	8000im	80W/18V	21AH/12.8V				18.7kg
FP-08A	8000im	80W/18V	24AH/12.8V				17kg



LEDSmert

Allowed Party in

Due to continuel product development, information is subject to change without notification

STREETLIGHT ISOCANDELA DIAGRAM (5050)

