



Features

- ✓ Solar Energy
- ✓ IP65 Waterproof
- ✓ All in One Design
- ✓ Two Working Modes
- ✓ Lasting 2-3 Rainy Days

Benefits

- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ Long Life Time
- ✓ Private Mold

Working Mode

M1 Radar Sensing

3hours: sensing 100% brightness, non-sensing 10% brightness

3hours: sensing 70% brightness, non-sensing 10% brightness

Then sensing 50% + non-sensing 10% until dawn

M1 Timing Control+Radar Sensing

1 hour: 100% brightness always on

2 hours: 70% brightness always on

Then sensing 70% brightness, non-sensing 10% brightness until dawn

Sensor Specifications

5.8G radar sensing, sensing distance 15 meters

Application



Certificate



Specifications

Item Number	Model Power	Maximum Power	Efficiency (lm/W)	Battery Capacity	Solar Panel Size mm	CRI	Color Temperature	Life Time (hrs)
LPSOL-400D01	400W	60W	8000LM	3.2V 80Ah	830*385*2.5	>83	3000K	30000
LPSOL-400D01	400W	60W	8000LM	3.2V 80Ah	830*385*2.5	>83	4000K	30000
LPSOL-400D01	400W	60W	8000LM	3.2V 80Ah	830*385*2.5	>83	6500K	30000

Technical specifications

Color Tolerance Adjustment (SDCM)	<6
IP	65
Class	III
LED Beads	5050 3V/600mA/2W
Housing Color	Grey
Maximum Power (P max)	60W
Voltage at Max(Vmp)	5V
AC/DC	DC
Current max (Imp)	9.6A
The lithium battery	3.2V/80AH
Model	M2 M1
Rainy Days	Lasting 2-3 Rainy Days
Continuous Discharge Time	> 24H
Installation height/spacing	Height 5-10M / Spacing 20-40M

Lights Material

Housing Material	Die-casting aluminum
Solar panel materials	Monocrystalline Silicon

Temperature

Operating Temperature	-45°C ~ 50 °C
Testing Temperature	-45°C ~ 95 °C

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPSOL-400D01	1	9.3	8	108	48	12.5

Item No	Power	Length (mm)	Width (mm)	Height (mm)
LPSOL-400D01	400W	1050	390	88