



Features

- ✓ Solar Energy
- ✓ IP65 Waterproof
- ✓ All in one
- ✓ Timing Control
- ✓ Lasting 2-3 Rainy Days

Benefits

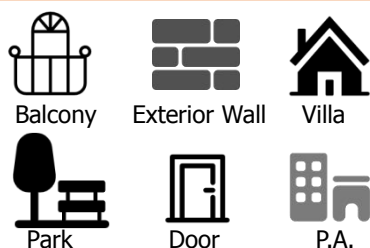
- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ Long Life Time
- ✓ Private Mold

Working Mode

Microwave Sensor

Charging during the day
Automatically turn it on at night
100% brightness when people come by
50% brightness when no people around

Application



Certificate



specifications

Item Number	Model Power	Maximum Power	Efficiency (lm/W)	Battery Capacity	Solar Panel Size mm	CRI	Color Temperature	Life Time (hrs)
LPWL-20B01	20W	2.5W	220LM	3.2V 3.6Ah	160*115*2.5	>83	WW/CW/NW	30000
LPWL-40B01	40W	4W	300LM	3.2V 5.4Ah	220*115*2.5	>83	WW/CW/NW	30000

Technical specifications

Item Number	LPWL-20B01	LPWL-40B01
IP	65	65
Class	III	III
LED Beads	3V 150MA 0.5W	3V 150MA 0.5W
Housing Color	Black/White	Black/White
Maximum Power (P max)	2.5W	4W
Voltage at Max(Vmp)	5V	5V
AC/DC	DC	DC
Current max (Imp)	0.5A	0.8A
The lithium battery	3.2V/7.5AH	3.2V/5.4Ah
Model	Microwave Sensor	Microwave Sensor
Rainy Days	Lasting 2-3 Rainy Days	Lasting 2-3 Rainy Days
Continuous Discharge Time	>24H	>24H
Installation Height	2-3M	3-4M
Sensing Distance	3-8M	3-8M

Lights Material

Housing Material	PC
Solar panel materials	Polysilicon

Temperature

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

Packing Data

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPWL-20B01	36	19.8	18	52	28	27
LPWL-40B01	24	10.9	9.9	47	33	27

Dimensional Drawing

Item No	Power	Length (mm)	Width (mm)	Height (mm)
LPWL-20B01	20W	164	118	40
LPWL-40B01	40W	224	118	48

Application Scenarios

