



Features

- ✓ Solar Energy
- ✓ IP65 Waterproof
- ✓ Timing Control
- ✓ Remote Control
- ✓ Lasting 2-3 Rainy Days

Benefits

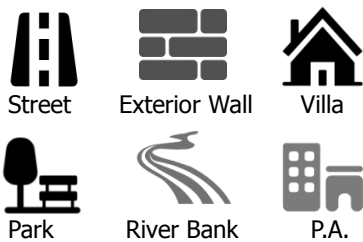
- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ Long Life Time
- ✓ Private Mold

Working Mode

Timing Control (Automatic Power Reduction Mode)

- 1hour: 100% brightness
- 2-3hour: 80% brightness
- 4-5hour: 60% brightness
- 6-7hour: 40% brightness
- then 25% until dawn

Application



Certificate



specifications

Item Number	Model Power	Maximum Power	Efficiency (lm/W)	Battery Capacity	Solar Panel Size mm	CRI	Color Temperature	Life Time (hrs)
LPFL-100HF01-SS	100W	6W	15lm/W	3.2V/6Ah	270*180	>83	WW/CW/NW	30000
LPFL-200HF01-SS	200W	12W	15lm/W	3.2V/12Ah	290*350	>83	WW/CW/NW	30000
LPFL-300HF01-SS	300W	20W	15lm/W	3.2V/18Ah	450*350	>83	WW/CW/NW	30000
LPFL-400HF01-SS	400W	25W	15lm/W	3.2V/24AH	530*350	>83	WW/CW/NW	30000

Technical Specifications

Item Number	LPFL-100HF01-SS	LPFL-100HF01-SS	LPFL-100HF01-SS	LPFL-100HF01-SS
IP	65	65	65	65
Class	III	III	III	III
LED Beads	2835 3V/150MA 0.5W	2835 3V/150MA 0.5W	2835 3V/150MA 0.5W	2835 3V/150MA 0.5W
Housing Color	Grey	Grey	Grey	Grey
Maximum Power	6W	12W	20W	25W
Voltage at Max	6V	6V	6V	6V
AC/DC	DC	DC	DC	DC
Current max	1A	2A	3.3A	4.2A
Battery	3.2V/6AH	3.2V/12Ah	3.2V/Ah	3.2V/24Ah
Working Model	Timing Control	Timing Control	Timing Control	Timing Control
Rainy Days	Lasting 2-3	Lasting 2-3	Lasting 2-3	Lasting 2-3
Continuous Discharge Time	>24H	>24H	>24H	>24H
Wire Length	5meters	5meters	5meters	5meters

Lights Material

Housing Material	Die-Casting Aluminum
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
LPFL-100HF01-SS	10	18.5	17.5	38	29.5	46.5
LPFL-200HF01-SS	8	26.7	25.7	49	37.5	32
LPFL-300HF01-SS	8	26	23.2	55	47.5	38.5
LPFL-400HF01-SS	4	20.5	19.5	67	24	38.5

Dimensional Drawing

Item No	Power	Length (mm)	Width (mm)	Height (mm)
LPFL-100HF01-SS	100W	213	195	42
LPFL-200HF01-SS	200W	232	228	42
LPFL-300HF01-SS	300W	278	246	42
LPFL-400HF01-SS	400W	330	306	42

Remote Controller

- ✓ **Intelligent light control**
- ✓ **timer switch**
- ✓ **brightness adjustment**



Note:
No memory function, all settings via remote control only work for one day. It returned to auto mode the next day



5 Meters Wire

- √ Can installed anywhere
- √ Precision waterproof wire, resistant to tension, bending and breakage



Cautions



The solar panel cannot be installed under the lamp, otherwise it will not light up or keep flickering



Solar panels cannot be installed in a place without or with less sunshine or will cause slow charging