



### Features

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

### Benefits

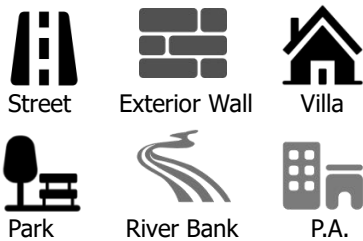
- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ Long Life Time
- ✓ Private Mold

### 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	100lm/W	3.2V/6Ah	270*180	>83	WW/CW/NW	30000
LPFL-200HF01-SS	200W	12W	100lm/W	3.2V/12Ah	290*350	>83	WW/CW/NW	30000
LPFL-300HF01-SS	300W	20W	100lm/W	3.2V/18Ah	450*350	>83	WW/CW/NW	30000
LPFL-400HF01-SS	400W	25W	100lm/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

## Initial Performance (IEC Compliant)

Luminous Flux Tolerance	+/-10%
Power Consumption Tolerance	+/-10%

## Lights Material

Housing Material	Die-Casting Aluminum
Solar Panel Materials	Polysilicon

## Temperature

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

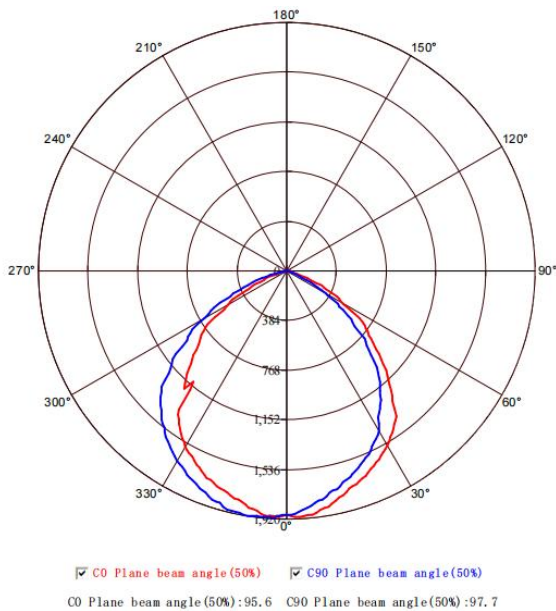
### Packing Data

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPFL-100HF01-SS	10	18.5	16.2	37	29.5	46.5
LPFL-200HF01-SS	8	26.7	24.5	49	37.5	32
LPFL-300HF01-SS	8	13.4	11.7	55	24.5	38.5
LPFL-400HF01-SS	4	20.5	18.3	67	24	38.5

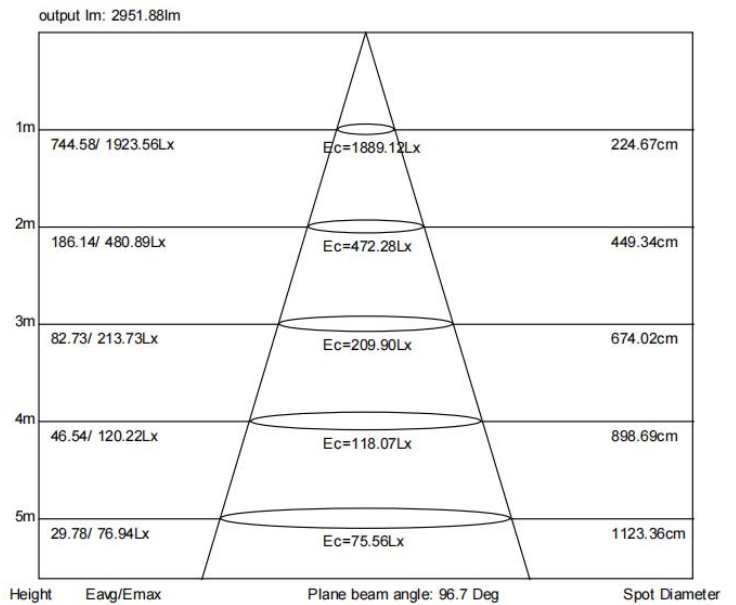
### Dimensional Drawing

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

### Planar Intensity Distribution Curve



### Average Illumination



## Remote Controller

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



## 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