



Features

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

Benefits

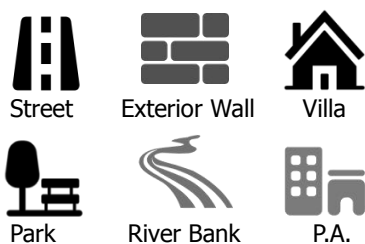
- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ Long Life Time
- ✓ Private Mold

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-20HS01-SS	20W	6W	15lm/W	3.2V/3.6Ah	270*180	>83	WW/CW/NW	30000
LPFL-30HS01-SS	30W	6W	15lm/W	3.2V/5Ah	270*180	>83	WW/CW/NW	30000
LPFL-50HS01-SS	50W	10W	15lm/W	3.2V/7.2Ah	350*235	>83	WW/CW/NW	30000
LPFL-100HS01-SS	100W	15W	15lm/W	3.2V/12AH	350*350	>83	WW/CW/NW	30000
LPFL-150HS01-SS	150W	20W	15lm/W	3.2V/18AH	350*450	>83	WW/CW/NW	30000
LPFL-200HS01-SS	200W	25W	15lm/W	3.2V/25AH	350*530	>83	WW/CW/NW	30000

Technical Specifications

Item Number	LPFL-20HS01	LPFL-30HS01	LPFL-50HS01	LPFL-100HS01	LPFL-150HS01	LPFL-200HS01
IP	65	65	65	65	65	65
Class	III	III	III	III	III	III
LED Beads	5730 3V 150MA 0.5W					
Housing Color	Black	Black	Black	Black	Black	Black
Maximum Power	6W	6W	10W	15W	20W	25W
Voltage at Max	6V	6V	6V	6V	6V	6V
AC/DC	DC	DC	DC	DC	DC	DC
Current max	1A	1A	1.67A	2.5A	3.3A	4.1A
Battery	3.2V/3.6AH	3.2V/5Ah	3.2V/7.2Ah	3.2V/12Ah	3.2V/18Ah	3.2V/25Ah
Model	Timing Control	Timing Control	Timing Control	Timing Control	Timing Control	Timing Control
Rainy Days	Lasting 2-3	Lasting 2-3	Lasting 2-3	Lasting 2-3	Lasting 2-3	Lasting 2-3
Continuous Discharge Time	>24H	>24H	>24H	>24H	>24H	>24H
Wire Length	5meters	5meters	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

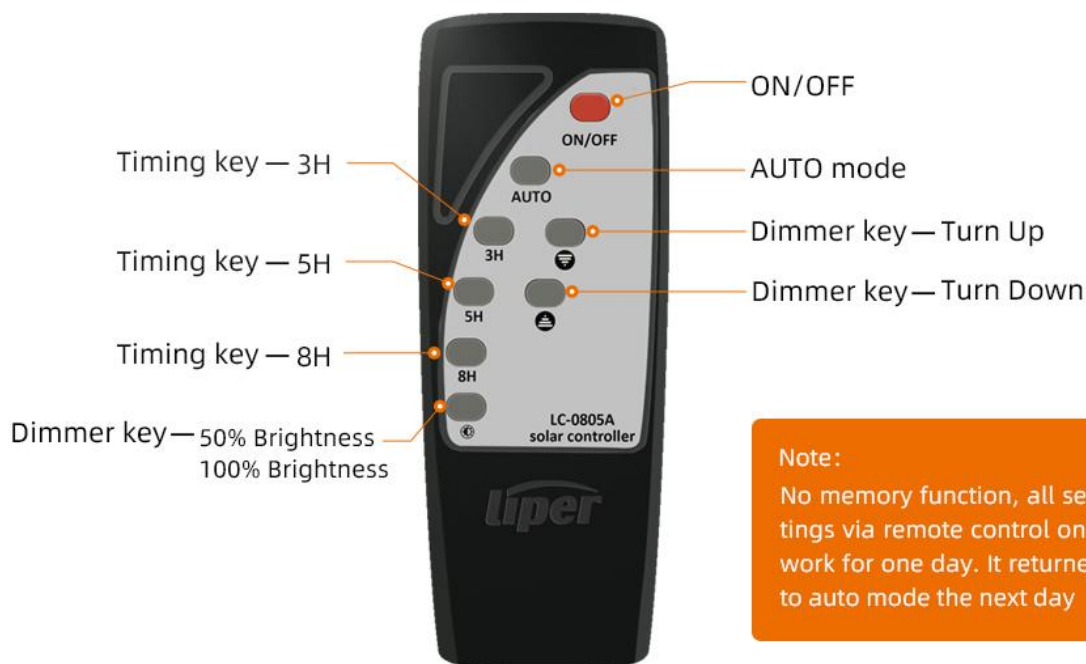
Item No	Accessory Name	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPFL-20HS01-SS	Lamp body	12	9.6	8.1	37.5	33	23.5
LPFL-20HS01-SS	Solar panel	12	11.1	10.3	37	29.5	21.5
LPFL-30HS01-SS	Lamp body	12	11.1	9.5	39	27	24
LPFL-30HS01-SS	Solar panel	12	11.1	10.3	37	29.5	21.5
LPFL-50HS01-SS	Lamp body	10	12.9	11.5	47	29	30
LPFL-50HS01-SS	Solar panel	10	17.5	16.4	38	29.5	26.5
LPFL-100HS01-SS	Lamp body	6	12.3	10.9	43.5	28.5	35.5
LPFL-100HS01-SS	Solar panel	6	11.5	10.7	38	18.5	38
LPFL-150HS01-SS	Lamp body	4	10.3	9.1	34	31.5	43
LPFL-150HS01-SS	Solar panel	4	9.2	8.5	47	13	38.5
LPFL-200HS01-SS	Lamp body	4	10.3	9.1	34	31.5	43
LPFL-200HS01-SS	Solar panel	4	12.8	10.1	55	13	38.5

Dimensional Drawing

Item No	Power	Length (mm)	Width (mm)	Height (mm)
LPFL-20HS01-SS	20W	173	205	47
LPFL-30HS01-SS	30W	180	228	45
LPFL-50HS01-SS	50W	265	220	50
LPFL-100HS01-SS	100W	320	265	60
LPFL-150HS01-SS	150W	397	325	67
LPFL-200HS01-SS	200W	385	350	70

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