



Features

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

Benefits

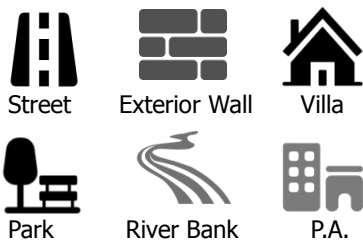
- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ Long Life Time
- ✓ Private Mold

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-100HW02-SS | 100W | 6W | 100lm/W | 3.2V/6Ah | 205*210 | >83 | WW/CW/NW | 30000 |
| LPFL-200HW02-SS | 200W | 10W | 100lm/W | 3.2V/12Ah | 205*300 | >83 | WW/CW/NW | 30000 |
| LPFL-300HW02-SS | 300W | 15W | 100lm/W | 3.2V/18Ah | 390*235 | >83 | WW/CW/NW | 30000 |
| LPFL-400HW02-SS | 400W | 20W | 100lm/W | 3.2V/24AH | 390*300 | >83 | WW/CW/NW | 30000 |



Technical Specifications

| Item Number | LPFL-100HW01-SS | LPFL-200HW01-SS | LPFL-300HW01-SS | LPFL-400HW01-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 | 10W | 15W | 20W |
| Voltage at Max | 5V | 5V | 5V | 5V |
| AC/DC | DC | DC | DC | DC |
| Current max | 1.2A | 2A | 2.5A | 3.3A |
| Battery | 3.2V/6AH | 3.2V/12Ah | 3.2V/18Ah | 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 | PC |
| Solar Panel Materials | Monocrystalline silicon |

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-100HW02-SS | 10 | 13 | 12 | 33.5 | 23 | 45.5 |
| LPFL-200HW02-SS | 8 | 16.3 | 15.3 | 44.5 | 37.5 | 32 |
| LPFL-300HW02-SS | 4 | 12.2 | 11.2 | 33.5 | 25.5 | 42 |
| LPFL-400HW02-SS | 4 | 16.3 | 15.3 | 35.5 | 33 | 42 |

Dimensional Drawing

| Item No | Power | Length (mm) | Width (mm) | Height (mm) |
|-----------------|-------|-------------|------------|-------------|
| LPFL-100HF02-SS | 100W | 189 | 157 | 48 |
| LPFL-200HF02-SS | 200W | 242 | 208 | 49 |
| LPFL-300HF02-SS | 300W | 280 | 244 | 55 |
| LPFL-400HF02-SS | 400W | 336 | 307 | 57 |

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