




Power Solar Street Light 12W/15W/20W/30W Benefits:

- **High Light Output** / Best at 2.0~3.5 Meter Height
- Extremely Low Operation Cost / Energy Efficient (30W VS 80W)
- **ONE LED Module** / Natural Illumination/ Non-glare/ Non-Flickering
- Closest to Gas Tube Lighting / **No Ghost Effect**
- **Fixture Acts as Heat Sink** / LED is only 10°C more than Surface
- Super Long Life / Zero Maintenance / Optional **Constant Current Design**
- Simple Design / Solid Construct / Parts Easily Replaceable
- Environmentally Friendly / No Toxic / Reduce Waste
- CO2 Reduction (based on 50,K Hour): **1595KG =** 
- Mercury Reduction (compared to fluorescent): **41.67mg**
- Application: Suburban Street Lighting, Low Light Pollution Lighting

**Power Solar Street Light
12W/15W/20/30W**

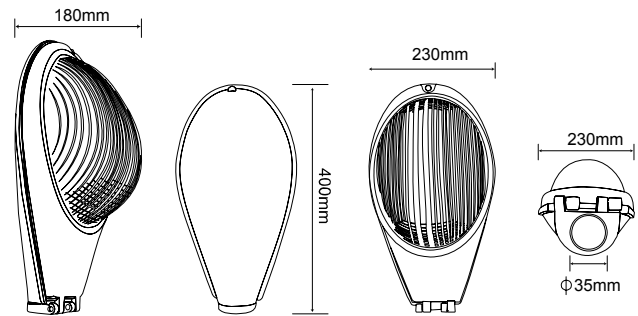
FPR03-W01HP-VA30 (White, 120°, 30W)
 FPR03-WW01HP-VA30 (Warm White, 120°, 30W)
 FPR03-W01HP-VA20 (White, 120°, 20W)
 FPR03-WW01HP-VA20 (Warm White, 120°, 20W)
 FPR03-W01HP-VA15 (White, 120°, 15W)
 FPR03-WW01HP-VA15 (Warm White, 120°, 15W)
 FPR03-W01HP-VA10 (White, 120°, 12W)
 FPR03-WW01HP-VA10 (Warm White, 120°, 12W)



Specification Features

| | |
|------------------------------|---|
| Color Range | White, Warm White |
| Dimensions | Φ35mm [Arm Holder Diameter] H180mm x W230mm x L400mm |
| Light Source | 12W/15W/20W/30W High Power LED |
| Housing | Die-casting aluminum |
| Operating Temperature | -40°C to 65°C (-40°F to 149°F) |
| Starting Temperature | -40°C to 65°C (-40°F to 149°F) |
| IP Rating | IP65 |
| LED source life | 50, 000 hours |
| Accessory | Optional LED Driver AC110~240V |
| Compatibility | Adaptable to Solar Power DC12V |
| Weight | 3.10kg |

Physical Dimensions



Electrical

| | | | |
|--------------------------|--|--------------------------|------|
| Power Input | DC12V or OPTIONAL AC 110V/240V | Control Mechanism | None |
| DC Current | 12W: 1A / 15W: 1.33A 20W: 1.66A / 30W: 2.5A | Controller | None |
| Power Consumption | 12W / 15W / 20W / 30W | Data Wiring | None |

Optical

| | |
|---------------------------|-------------------------------|
| Fixture Cover | Toughened safety glass |
| Beam Angle | 120° |
| Light Distribution | Symmetric direct illumination |

Light Output

| Color | Watts | Color Temp. (Typical) | Light Output (Lm) | Efficacy (Lm/W) |
|------------|-------|-----------------------|-------------------|-----------------|
| White | 30W | 5600~6000K | 1950 | 65 |
| White | 20W | 5600~6000K | 1300 | 65 |
| White | 12W | 5600~6000K | 780 | 65 |
| Warm White | 30W | 3000~3200K | 1800 | 60 |
| Warm White | 20W | 3000~3200K | 1200 | 60 |
| Warm White | 12W | 3000~3200K | 720 | 60 |