

Specification

60W All in Two Solar LED Street light



Lighting

| | |
|-----------------------|------------------------|
| Name | Solar LED Street Light |
| Model | U60W |
| Rated power | 60W |
| Luminous flux | 7200lm |
| CRI | >83 |
| Input voltage | 18VDC |
| Beam angle | 140° * 70° degree |
| LED brand: | Philips SMD3030 |
| LED qty | 72Pcs |
| Pole height suggested | 6~8M |



Solar Controller

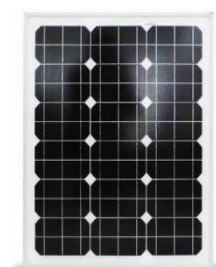
| | |
|------------------------|---|
| System voltage | 12V |
| Output power | 12V/80W Max |
| Charging current | 15A Max |
| Output current | 5.0A Max |
| Sensor type | microwave as optional |
| Protections | over-charge/over-discharge/over-voltage |
| Charging mode | MPPT |
| Programmable by remote | YES |




Built-in light head

Solar Panel

| | |
|----------------------|-------------------------|
| Cell brand type | Sunpower, Mono |
| Dimension | 1140*670*35mm |
| Max power | 120W |
| Max voltage | 18VDC |
| Max. working current | 6.12A |
| Max. system voltage | 1000V |
| Cable section | 2.5mm2 |
| Connection | Male & Female MC4 plugs |



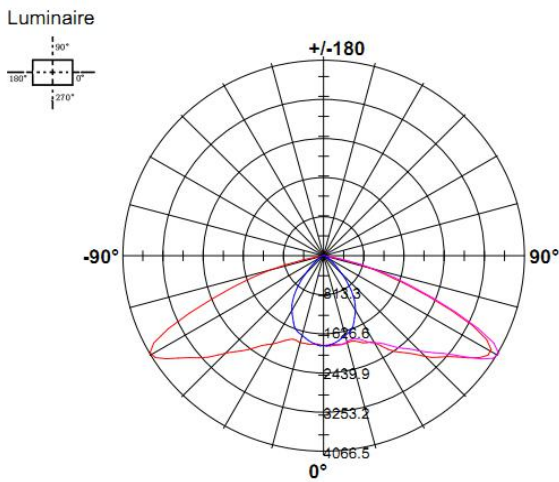
Battery

| | | |
|----------------------------|-----------------------------|---|
| Battery Type | Lithium Battery |  |
| Energy | 635WH | |
| Nominal Voltage | 11.1V | |
| Rated Capacity | 57.2AH | |
| Charge Voltage | 12.6V | |
| Standard Discharge Current | 5.4A | |
| Discharge Cut-off Voltage | 9.0V | |
| Cells Qty | 66Pcs | |
| Lifetime | 1000 Cycles (>80% capacity) | |

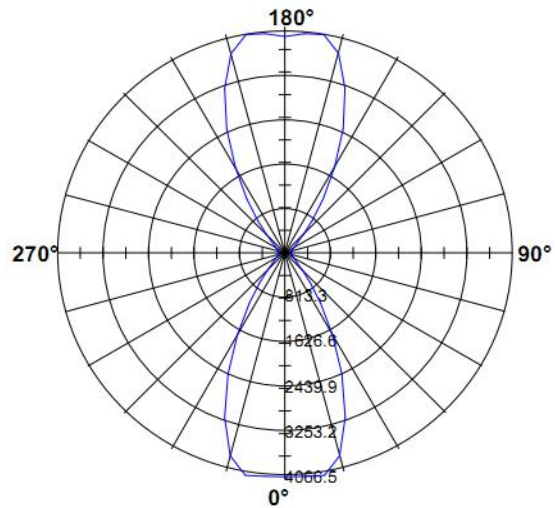
Built-in light head

Distribution Curve:

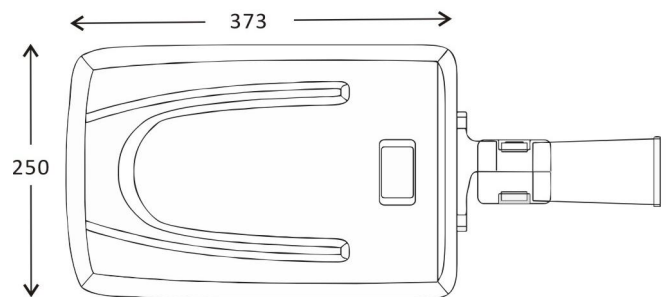
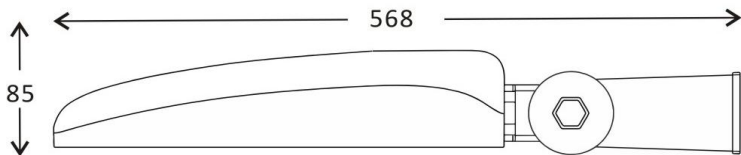
Light Distribution Curve [Unit: cd]



Max Plane Light Distribution Curve [Unit: cd]



Dimension (mm)



Application

Paths of gardens, park, subsidiary roads, branch roads, residential roads , sports lighting etc.

Product Advantage

- ⊙ Battery and solar controller, sensor are built-inside of light, only need to be connected to 18V system.
- ⊙ MC4 male & female plugs directly to 18V solar panel. quick and easy for connection.
- ⊙ Good appearance, small size and light weight, easy to install;
- ⊙ Energy saving 100% generated from solar. less power consumption than traditional