



SunCrest All-in-one solar post top power range from 10watt to 30watt, with high efficacy upto 190 lm/w for higher output.

SunCrest All-in-one Solar Post Top

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger built into the luminaire. Microwave based motion sensor for optimizing battery autonomy.

Benefits

- Die-cast aluminum housing for durability
- UV stabilized polyester powder paint finish for durability and corrosion resistance.
- Sleek design to reduce wind resistance.
- External charging port ensuring easy battery charging for long transpiration / storage
- Brings light to areas without access to electric grid
- Saves energy, Environment friendly

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Features

- High luminous efficacy 190 lm/w to maximize battery performance
- MPPT intelligent controller for optimized charging.
- Intelligent smart power mode to maximize autonomy
- Deep cycle battery for longer life class.
- IP65 and IK08 for weather resistant and vandal proof installation

Application

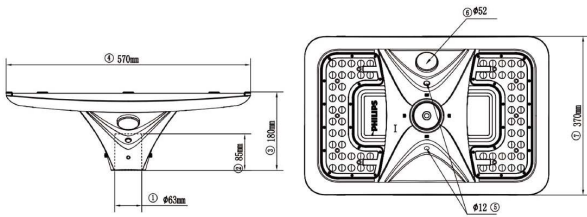
- Pedestrian area lighting
- Amenity lighting
- Garden, park, plaza lighting
- Community area, City beautification

Warnings and Safety

- Solar panels are fragile,so please do not scratch or bump when installed. Scratches, dirt and shelter on the surface will affect the power generation efficiency of solar panels.

Dimensional drawing

Product Size (Unit: mm)



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Light Technical

Color rendering index (CRI) >70

Operating and Electrical

Battery charging & discharging cycles 2000

Battery type LiFePO4

Battery voltage 12.8 V

Mechanical and Housing

Grid connection type Off grid

Panel peak wattage 35 W

Panel type Mono crystalline

Panel voltage 18 V

Controls and Dimming

Dimmable Preset Dimming

Configurability Not configurable

Solar dimming profile 2H-
Detected-100%,
None-30%; 3H-
Detected-70%,
None-10%; 7H-40
%, None-10%

Mechanical and Housing

Battery location Inbuilt luminaire

Ingress protection code IP65

Overall height 180 mm

Overall length 570 mm

Overall width 370 mm

Approval and Application

Ambient temperature range -10 °C to 55 °C

Light Technical

| Order Code | Full Product Name | Correlated Color Temperature (Nom) |
|--------------|------------------------------------|------------------------------------|
| 911401645509 | BPP750 LED37 CW AIO solar post top | 5700 K |
| 911401645809 | BPP750 LED37 NW AIO solar post top | 4000 K |
| 911401646109 | BPP750 LED37 WW AIO solar post top | 3000 K |
| 911401645409 | BPP750 LED19 CW AIO solar post top | 5700 K |
| 911401645709 | BPP750 LED19 NW AIO solar post top | 4000 K |
| 911401646009 | BPP750 LED19 WW AIO solar post top | 3000 K |
| 911401645609 | BPP750 LED54 CW AIO solar post top | 5700 K |
| 911401645909 | BPP750 LED54 NW AIO solar post top | 4000 K |
| 911401646209 | BPP750 LED54 WW AIO solar post top | 3000 K |

Operating and Electrical

| Order Code | Full Product Name | Battery ampere hour | Order Code | Full Product Name | Battery ampere hour |
|--------------|------------------------------------|---------------------|--------------|------------------------------------|---------------------|
| 911401645509 | BPP750 LED37 CW AIO solar post top | 12 Ah | 911401645709 | BPP750 LED19 NW AIO solar post top | 6 Ah |
| 911401645809 | BPP750 LED37 NW AIO solar post top | 12 Ah | 911401646009 | BPP750 LED19 WW AIO solar post top | 6 Ah |
| 911401646109 | BPP750 LED37 WW AIO solar post top | 12 Ah | 911401645609 | BPP750 LED54 CW AIO solar post top | 18 Ah |
| 911401645409 | BPP750 LED19 CW AIO solar post top | 6 Ah | 911401645909 | BPP750 LED54 NW AIO solar post top | 18 Ah |

