



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

SunCrest All-in-one Solar Post top

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.

Versions

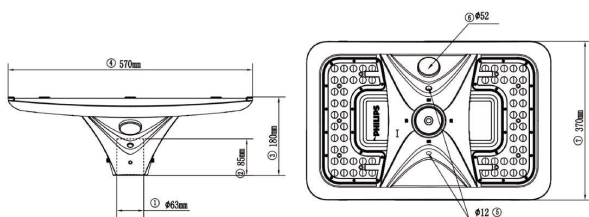


Solar All-in-one Post top

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Dimensional drawing

Product Size (Unit: mm)



SunCrest All-in-one Solar Post top

| | |
|---------------------------------------|---|
| 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 | MPPT |
| 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 |
|--------------|------------------------------------|---------------------|
| 911401645509 | BPP750 LED37 CW AIO solar post top | 12 Ah |
| 911401645809 | BPP750 LED37 NW AIO solar post top | 12 Ah |
| 911401646109 | BPP750 LED37 WW AIO solar post top | 12 Ah |
| 911401645409 | BPP750 LED19 CW AIO solar post top | 6 Ah |

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

