PHILIPS

Lighting

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

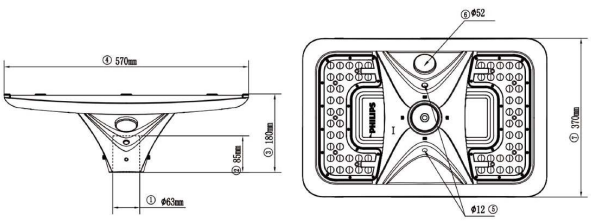
- Pedestrian area lighting
- Amenity lighting
- Garden, park, plaza lighting
- Community area, City beautification

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.

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
Charge control device type	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

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