PHILIPS

Lighting

SunCrest All-in-one Solar Post Top

BPP750 LED37 CW AIO 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.

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.

Product data

General Information	
Driver included	Yes
Value ladder	Performance

Light Technical	
Luminous Flux	3,700 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	195 lm/W
Color rendering index (CRI)	>70

Operating and Electrical	
Battery type	LiFePO4
Battery ampere hour	12 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Panel voltage	18 V
Panel peak wattage	35 W

Charge controller type	MPPT
Cable	-
Grid connection type	Off grid

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	
Housing Color	Black
Overall length	570 mm
Overall width	370 mm
Overall height	180 mm
Dimensions (Height x Width x Depth)	180 x 370 x 570 mm
Material	Die-casting Aluminum
Battery location	Inbuilt luminaire

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Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Polycarbonate
Net Weight (Piece)	5.390 kg

Approval and Application

CE mark	Yes
Ambient temperature range	-10 °C to 55 °C

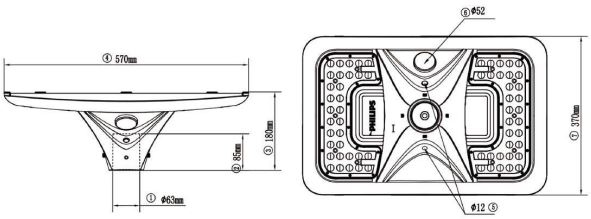
Product Data

Order product name	BPP750 LED37 CW AIO solar post top

Full product name	BPP750 LED37 CW AIO solar post top
Full product code	872016975943500
Order code	911401645509
Material Nr. (12NC)	911401645509
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169759435
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169759435

Dimensional drawing

Product Size (Unit: mm)



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