



# SunCrest All-in-one Solar Post top

# BPP750 LED19 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		Cable	-
Driver included	Yes	Grid connection type	Off grid
Light Technical		Controls and Dimming	
Luminous Flux	1,900 lm	Dimmable	Preset Dimming
Correlated Color Temperature (Nom	i) 5700 K	Configurability	Not configurable
Luminous Efficacy (rated) (Nom)	195 lm/W	Solar dimming profile	2H-Detected-100%, None-30%; 3H-
Color rendering index (CRI)	>70		Detected-70%, None-10%;7H-40%, None-10%
Operating and Electrical		Mechanical and Housing	
Battery type	LiFePO4	Housing Color	Black
Battery ampere hour	6 Ah	Overall length	570 mm
Battery voltage	12.8 V	Overall width	370 mm
Battery charging & discharging cycle	es 2000	Overall height	180 mm
Panel type	Mono crystalline	Dimensions (Height x Width x Depth)	180 x 370 x 570 mm
Panel voltage	18 V	Material	Die-casting Aluminum
Panel peak wattage	35 W	Battery location	Inbuilt luminaire
Charge controller type	MPPT	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Datasheet, 2024, October 29 data subject to change

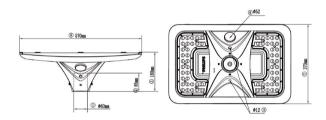
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Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Polycarbonate
Net Weight (Piece)	4.790 kg
Approval and Application	
CE mark	Yes
Ambient temperature range	-10 °C to 55 °C
Product Data	
Order product name	BPP750 LED19 CW AIO solar post top

Full product name	BPP750 LED19 CW AIO solar post top	
Full product code	872016975942800	
Order code	911401645409	
Material Nr. (12NC)	911401645409	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8720169759428	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8720169759428	
	1	

### Dimensional drawing

Product Size (Unit: mm)





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