



# SunCrest All-in-one Solar Post Top

## BPP750 LED54 WW 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		Charge controller type	
Driver included	Yes	Charge controller type	MPPT
Value ladder	Performance	Cable	-
Light Technical		Grid connection type	Off grid
Luminous Flux	5,415 lm	Controls and Dimming	
Correlated Color Temperature (Nom)	3000 K	Dimmable	Preset Dimming
Luminous Efficacy (rated) (Nom)	190 lm/W	Configurability	Not configurable
Color rendering index (CRI)	>70	Solar dimming profile	2H-Detected-100%, None-30%; 3H-Detected-70%, None-10%; 7H-40%, None-10%
Operating and Electrical		Mechanical and Housing	
Battery type	LiFePO4	Housing Color	Aluminum
Battery ampere hour	18 Ah	Overall length	570 mm
Battery voltage	12.8 V	Overall width	370 mm
Battery charging & discharging cycles	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

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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)	5.990 kg

## Approval and Application

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

## Product Data

Order product name	BPP750 LED54 WW AIO solar post top
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Full product name	BPP750 LED54 WW AIO solar post top
Full product code	872016975950300
Order code	75950300
Material Nr. (12NC)	911401646209
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169759503
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169759503

## Dimensional drawing

Product Size (Unit: mm)

