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Lighting

SunStay

BRP710 LED45 CW 60MO PDIM30 BLE SOLAR EX

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger built into the luminaire. Pressure die cast aluminium for sturdiness and long life. Specially designed pole mounting bracket allows different tilt angles, lateral and pole top mounting.

Product data

General Information	
Driver included	Yes
Value ladder	Specification
Warranty period	3 years

Light Technical	
Luminous Flux	4,500 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	175 lm/W
Color rendering index (CRI)	>70

Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	30 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Panel voltage	17 V
Panel peak wattage	60 W
Charge controller type	MPPT
Grid connection type	Off grid

Controls and Dimming	
Dimmable	Yes
Configurability	Configurable
Control interface	BLE
Solar dimming profile	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)

Mechanical and Housing	
Housing Color	RAL 7011
Overall length	757 mm
Overall width	511 mm
Overall height	188 mm
Dimensions (Height x Width x Depth)	188 x 511 x 757 mm
Material	Pressure die cast aluminum
Battery location	Inside Luminaire
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	UV stabilized Polycarbonate cover
Net Weight (Piece)	19.000 kg

Approval and Application	
CE mark	Yes

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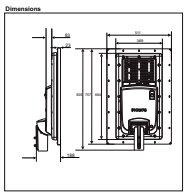
EU RoHS compliant	Yes
Ambient temperature range	0 to +35 °C

Over Time Performance (IEC Compliant)	
Median useful life L70B50	50,000 hour(s)

Application Conditions	
Ambient temperature range for charging	0 °C to +45 °C
Ambient temperature range for discharging (when light is on)	-20 °C to +35 °C

Product Data	
Order product name	BRP710 LED45 CW 60MO PDIM30 BLE SOLAR EX
Full product name	BRP710 LED45 CW 60MO PDIM30 BLE SOLAR EX
Order code	919515898030
Material Nr. (12NC)	919515898030
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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