



SunStay

BRP710 LED30 WW 35MO PDIM30 BLE Solar

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
CE mark	CE mark
Warranty period	3 years
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,000 lumen
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	175 lm/W
Color rendering index (CRI)	>70
Optical cover/lens type	UV stabilized Polycarbonate cover
Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	20 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Panel voltage	17 V
Panel peak wattage	35 W
Charge controller type	MPPT

Temperature	
Ambient temperature range	0 to +35 °C
Controls and Dimming	
Dimmable	Yes
Configurability	Configurable
Control interface	BLE
Mechanical and Housing	
Housing Color	RAL 7011
Overall length	684 mm
Overall width	369 mm
Overall height	156 mm
Dimensions (Height x Width x Depth)	156 x 369 x 684 mm
Material	Pressure die cast aluminium
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
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 °C
Ambient temperature range for discharging (when light is on)	-20 °C to +35 °C °C
Solar dimming profile	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
Grid connection type	Off grid
Battery location	Inside Luminaire

Product Data

Full product code	871951451726400
Order product name	BRP710 LED30 WW 35MO PDIM30 BLE Solar

Order code	919515814301
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919515814301
Full product name	BRP710 LED30 WW 35MO PDIM30 BLE Solar
EAN/UPC - Case	8719514517264
EAN/UPC - Product/Case	8719514517264

Dimensional drawing

