



SunStay

BRP710 LED30 NW MR HY FDIM50 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		Cable	Cable 0.8m, 2-core, 1.5mm ²
Driver included	Yes	Temperature	
Light Technical		Ambient temperature range	0 to +35 °C
Luminous Flux	3,000 lm	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	175 lm/W	Configurability	Factory Configurable
Correlated Color Temperature (Nom)	4000 K	Dimmable	Yes
Color rendering index (CRI)	>70	Mechanical and Housing	
Optical cover type	UV stabilized Polycarbonate cover	Housing Color	RAL 7011
Operating and Electrical		Overall length	684 mm
Input Voltage	240 V	Overall width	369 mm
Line Frequency	50 Hz	Overall height	156 mm
Battery type	Lithium Ferro Phosphate	Dimensions (Height x Width x Depth)	156 x 369 x 684 mm
Battery ampere hour	20 Ah	Material	Pressure die cast aluminium
Battery voltage	12.8 V	Approval and Application	
Battery charging & discharging cycles	2000	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Panel type	Mono crystalline	Mech. impact protection code	IK08 [5 J vandal-protected]
Panel voltage	17 Vmp, 21 Voc V	Surge Protection (Common/Differential)	Surge protection level until 4 kV
Panel peak wattage	35 W	CE mark	CE mark
Charge controller type	MPPT	Warranty period	3 years
Charge controller wattage	17 W		
Cable connection kit	Included		

EU RoHS compliant	Yes
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
Solar dimming profile	5hrs 100% + 7 hrs 50%
Grid connection type	Hybrid
Battery location	Inside Luminaire

Product Data	
Order product name	BRP710 LED30 NW MR HY FDIM50 SOLAR
Full product name	BRP710 LED30 NW MR HY FDIM50 SOLAR
Full product code	871951450190400
Order code	919515813984
Material Nr. (12NC)	919515813984
Numerator - Quantity Per Pack	1
Net Weight (Piece)	12.000 kg
EAN/UPC - Product/Case	8719514501904
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514501904

Dimensional drawing

