



SmartBright solar all-in-One India

BRP111 LED85/757 Solar M

All in one solar street light

Product data

General Information	
Driver included	Yes
Light Technical	
Luminous Flux	8,500 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>70
Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	42 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel type	Mono crystalline
Panel peak wattage	100 W
Charge controller type	MPPT
Grid connection type	Off grid
Controls and Dimming	
Dimmable	Yes
Configurability	Configurable
Control interface	-

Solar dimming profile	First 2 hrs from dusk 100% with motion, 30% without motion. Next 3 hours 60% with motion, 20% without motion. ; Next 6 hours 30% with motion, 10% without motion. ; Next until dawn 50% with motion, 30% without motion
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Mechanical and Housing	
Overall length	1,090 mm
Overall width	525 mm
Overall height	145 mm
Dimensions (Height x Width x Depth)	145 x 525 x 1090 mm
Material	Aluminum
Battery location	Inbuilt
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)	19.000 kg

Approval and Application	
Ambient temperature range	0 to +45 °C

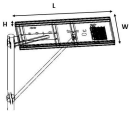
Product Data	
Order product name	BRP111 LED85/757 Solar M
Full product name	BRP111 LED85/757 Solar M

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Order code	919415920139
Material Nr. (12NC)	919415920139
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	1
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Dimensional drawing



Product Dimension (mm)			
Type	L	W	H
BHP111 LED020757 Solar M	570	365	55
BHP111 LED030757 Solar M	795	365	55
BHP111 LED040757 Solar M	985	380	55
BHP111 LED05757 Solar M	1060	525	55
BHP111 LED020753 Solar M	570	525	55

IT part support may change depending on version

