



# SunStay

## BRP710 LED30 NW MR 12V LFP AIO 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

<b>General Information</b>		<b>Temperature</b>	
Driver included	Yes	Ambient temperature range	0 to +35 °C
<b>Light Technical</b>		<b>Controls and Dimming</b>	
Luminous Flux	3,000 lm	Dimmable	Yes
Correlated Color Temperature (Nom)	4000 K	Configurability	Factory Configurable
Luminous Efficacy (rated) (Nom)	175 lm/W	<b>Mechanical and Housing</b>	
Color rendering index (CRI)	>70	Housing Material	Aluminium pressure die cast
Light source color	Neutral white	Housing Color	Gray
Optical cover type	UV stabilized Polycarbonate cover	Overall length	684 mm
<b>Operating and Electrical</b>		Overall width	369 mm
Battery type	Lithium Ferro Phosphate	Overall height	156 mm
Battery ampere hour	20 Ah	Dimensions (Height x Width x Depth)	156 x 369 x 684 mm
Battery voltage	12.8 V	<b>Approval and Application</b>	
Battery charging & discharging cycles	2000	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Panel type	Mono crystalline	<b>Over Time Performance (IEC Compliant)</b>	
Panel voltage	17 Vmp, 21 Voc V	Median useful life L70B50	50,000 hour(s)
Panel peak wattage	35 W	<b>Application Conditions</b>	
Charge controller type	MPPT	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	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	
Order product name	BRP710 LED30 NW MR 12V LFP AIO Solar
Full product name	BRP710 LED30 NW MR 12V LFP AIO Solar

Full product code	871016335462000
Order code	919515812983
Material Nr. (12NC)	919515812983
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	190096184279
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163354620

Dimensional drawing

