



# SunStay

## BRP710 LED60 NW MR HY FDIM20 SOLAR

An integrated solar street light with a lithium ferro phosphate battery, solar panel and charger built into the luminaire. Pressure die-cast aluminium for sturdiness and long life. A specially designed pole-mounting bracket allows different tilt angles, lateral and pole-top mounting.

### Product data

General Information	
Driver included	Yes
Optical cover/lens type	UV-stabilised polycarbonate cover
Cable	Cable 0.8 m, 2-core, 1.5 mm <sup>2</sup>
CE mark	CE mark
Warranty period	3 years
Material	Pressure die cast aluminium
EU RoHS compliant	Yes
Operating and Electrical	
Input Voltage	240 V
Input frequency	50 Hz
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 <sub>mp</sub> , 21 V <sub>oc</sub> V
Panel peak wattage	60 W
Charge controller type	MPPT
Charge controller wattage	35 W
Cable connection kit	Included

Controls and Dimming	
Dimmable	Yes
Configurability	Factory Configurable
Mechanical and Housing	
Overall length	757 mm
Overall width	511 mm
Overall height	188 mm
Colour	RAL 7011
Approval and Application	
Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [ 5 J vandal-protected]
Surge protection (common/differential)	Surge protection level until 4 kV
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	6000 lm
Initial LED luminaire efficacy	175 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>70

## Over Time Performance (IEC Compliant)

Median useful life L70B50 50000 h

## Application Conditions

Ambient temperature range 0 to +35 °C

Ambient temperature range for charging 0 to +45 °C

Ambient temperature range for discharging -20 to +35 °C

(when light is on)

Solar dimming profile 4hrs 100% + 8 hrs 20%

Grid connection type Hybrid

Battery location Inside Luminaire

## Product Data

Full product code 871951450192800

Order product name BRP710 LED60 NW MR HY FDIM20 SOLAR

EAN/UPC – product 8719514501928

Order code 919515813986

SAP numerator – quantity per pack 1

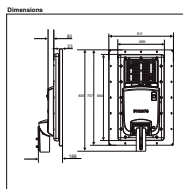
Numerator – packs per outer box 1

SAP material 919515813986

SAP net weight (piece) 19.500 kg



## Dimensional drawing



**PHILIPS**

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