



# SunStay

## BRP710 LED20 NW 35MO PDIM50 BLE SOLAR EX

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
Control interface	BLE
CE mark	CE mark
Warranty period	3 years
Material	Pressure die cast aluminium
EU RoHS compliant	Yes

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

Controls and Dimming	
Dimmable	Yes
Configurability	Configurable

Mechanical and Housing	
Overall length	684 mm
Overall width	369 mm
Overall height	156 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]

Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	2000 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

# SunStay

<b>Ambient temperature range for discharging (when light is on)</b>	-20 to +35 °C
<b>Solar dimming profile</b>	50% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs)
<b>Grid connection type</b>	Off grid
<b>Battery location</b>	Inside Luminaire

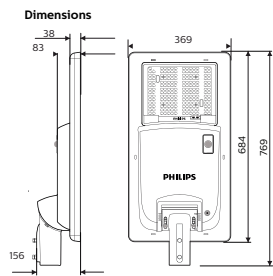
## Product Data

<b>Order product name</b>	BRP710 LED20 NW 35MO PDIM50 BLE SOLAR EX
---------------------------	---

<b>Order code</b>	919515898034
<b>SAP numerator – quantity per pack</b>	1
<b>Numerator – packs per outer box</b>	1
<b>SAP material</b>	919515898034
<b>SAP net weight (piece)</b>	10.000 kg



## Dimensional drawing



## Solar Street Lights

