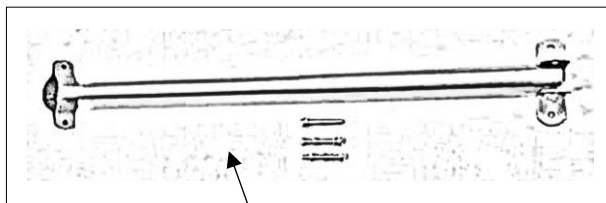
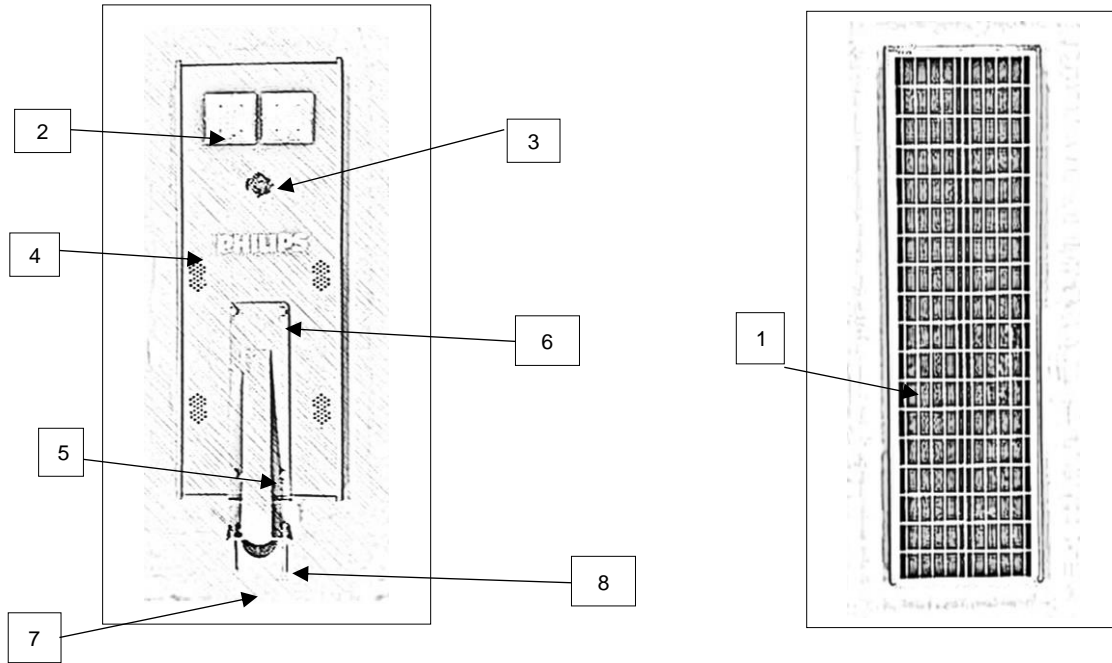


SmartBright Solar All in one streetlight Gen2.0

Code Number	Flux (LM)	Battery Type	Battery parameter	Solar board Type	PV Module power	Solar board voltage	Sensor Type	Sensor distance	CCT	Ta
BRP111 LED20/757 Solar M	2000Lm	LiFeO4 battery	12Ah/12.8V	MONO Crystalline	30W	18V	Microwave	8-10m	5700K	0-45°C
BRP111 LED30/757 Solar M	3000Lm	LiFeO4 battery	18Ah/12.8V	MONO Crystalline	50W	18V	Microwave	8-10m	5700K	0-45°C
BRP111 LED50/757 Solar M	5000Lm	LiFeO4 battery	24Ah/12.8V	MONO Crystalline	60W	18V	Microwave	8-10m	5700K	0-45°C
BRP111 LED85/757 Solar M	8500Lm	LiFeO4 battery	42Ah/12.8V	MONO Crystalline	100W	18V	Microwave	8-10m	5700K	0-45°C
BRP111 LED120/757 Solar M	12000Lm	LiFeO4 battery	30Ah/25.6V	MONO Crystalline	120W	36V	Microwave	8-10m	5700K	0-45°C



9

Product Dimension (mm)			
TYPE	L	W	H
2000Lm	570	365	55
3000Lm	795	365	55
5000Lm	985	380	55
8500Lm	1060	525	55
12000Lm	1270	525	55

S.NO.	Name	Description
1	Solar panel	Converting solar energy into electricity
2	LED source	Luminous component
3	Microwave sensor	Detecting object moment
4	Logo	Branding
5	Pole mount arm	Support to fix the solar Lamp
6	Screws (Allen M9 x 20mm)	Fix the pole mount arm at light
7	C clamp	To fix pole mount art at pole
8	Bolt & nut (Hexa M9 x 76mm)	To fix Pole mount arm and C clamp
9	Support bracket and Nut & Bolt (Hexa M9 x 76mm)	To provide Extra support (for 8500Lm & 12000Lm only)

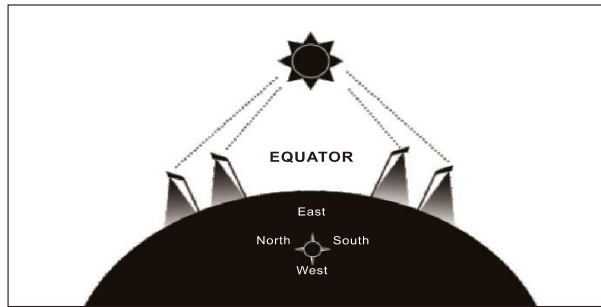
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 Abanindranath Thakur Sarani (Camac Street), Kolkata – 700 017

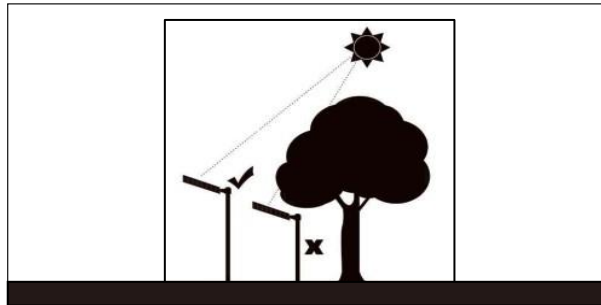
PHILIPS

INSTALLATION INSTRUCTIONS

1. Please choose the appropriate product according to the light intensity and working hours of the installation location. Direction of solar PV module will be remained same upside in the northern hemisphere as well as southern hemisphere.



2. To improve the efficiency of solar panels, please ensure that the sunlight is not blocked by buildings, trees, or any other objects.

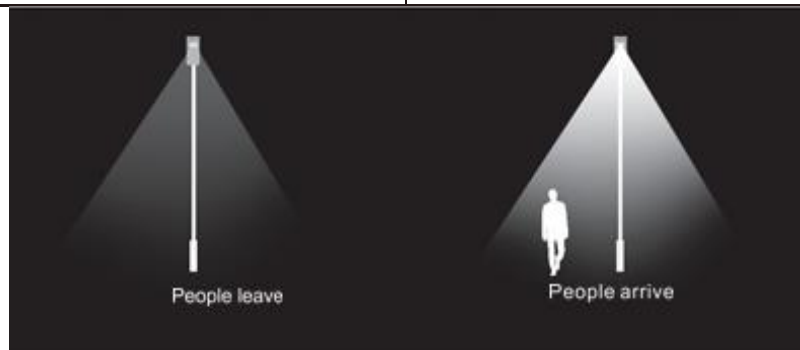


Notes:

1. Please choose the appropriate product according to the sunshine intensity or the total annual solar radiation at the installation site.
2. Charge and discharge requirements: charging temperature of 0-45°C, discharge temperature of 0-45°C.
3. The solar panel is fragile, do not scratch, knock against the installation, table scratch, dirty, shelter will affect the solar panel power generation efficiency.
4. The product contains lithium ferro phosphate battery, please comply with the air transport regulations when shipping, should be regarded as flammable and explosive items, storage should be isolated from other items, so as to avoid damage.
5. The longest storage period of solar street lights is six months after they are fully charged. If they are transported or stored for a long time, they need to be checked, charged, and charged in time, record, otherwise the battery will be damaged.
6. Product storage temperature is 0°C to 50°C

Dimming profile (default)

Work time	People arrive (%)	People leave (%)
2h	100%	30%
3h	60%	20%
6h	30%	10%
1h	50%	30%



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Installation Manual

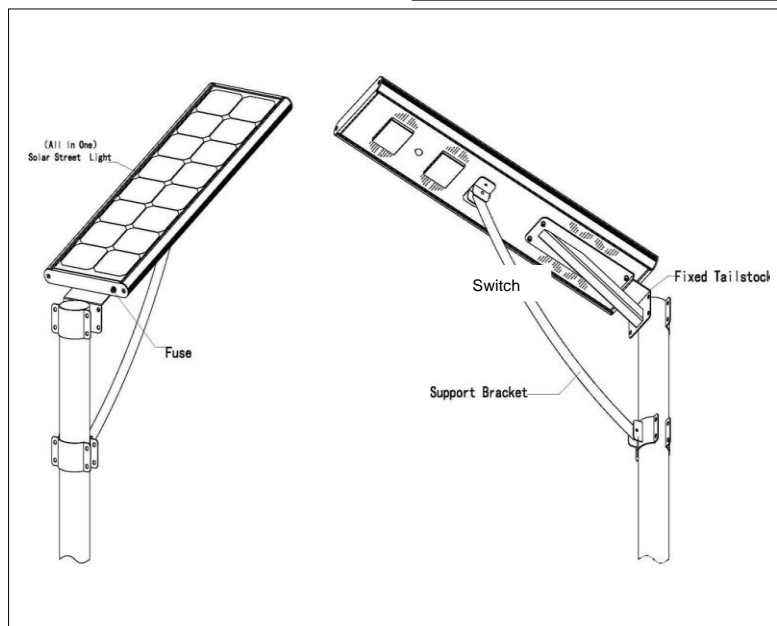
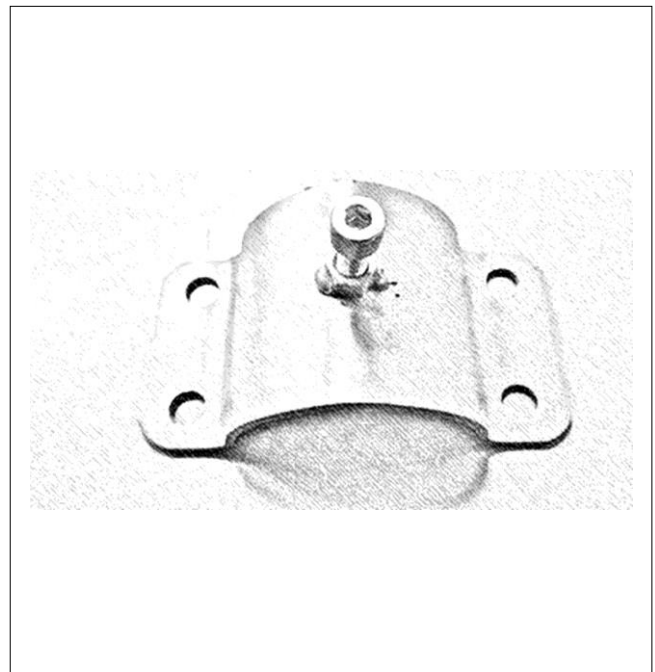
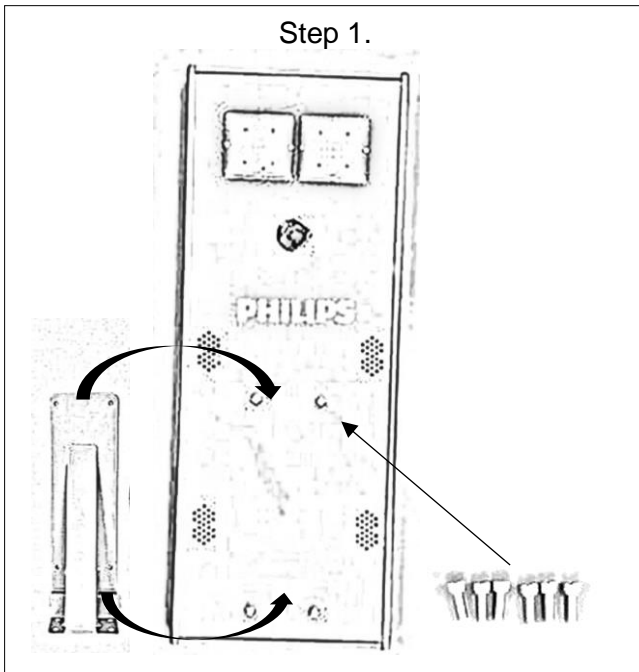
To place the light pole into the best spot with good day lighting. The light pole should be the length 5-7m, the thickness 2.0mm with material iron or steel, the diameter 50-90mm

Step 1. First place pole mount arm at solar lamp and use Allen screw M9 x 20mm to attached.

Step 2. Before mount solar light we have switch ON solar light.

Step 3. Mount solar lamp at pole by using C clamp and Nut & bolt (Hexa M9 x 76 mm). Also tight bolt in C clamp's nut to hold solar lamp at one position at pole. One hole in the pole at the C Clamp bolt location is advisable.

Step 4. Mount support bracket for extra supprt. This will be used only for 8500Lm & 12000Lm.



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