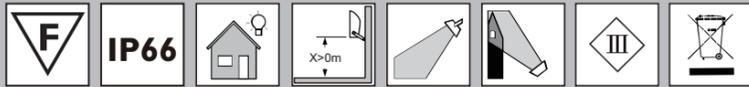


# SmartBright Solar Flood Light

**BVP080**

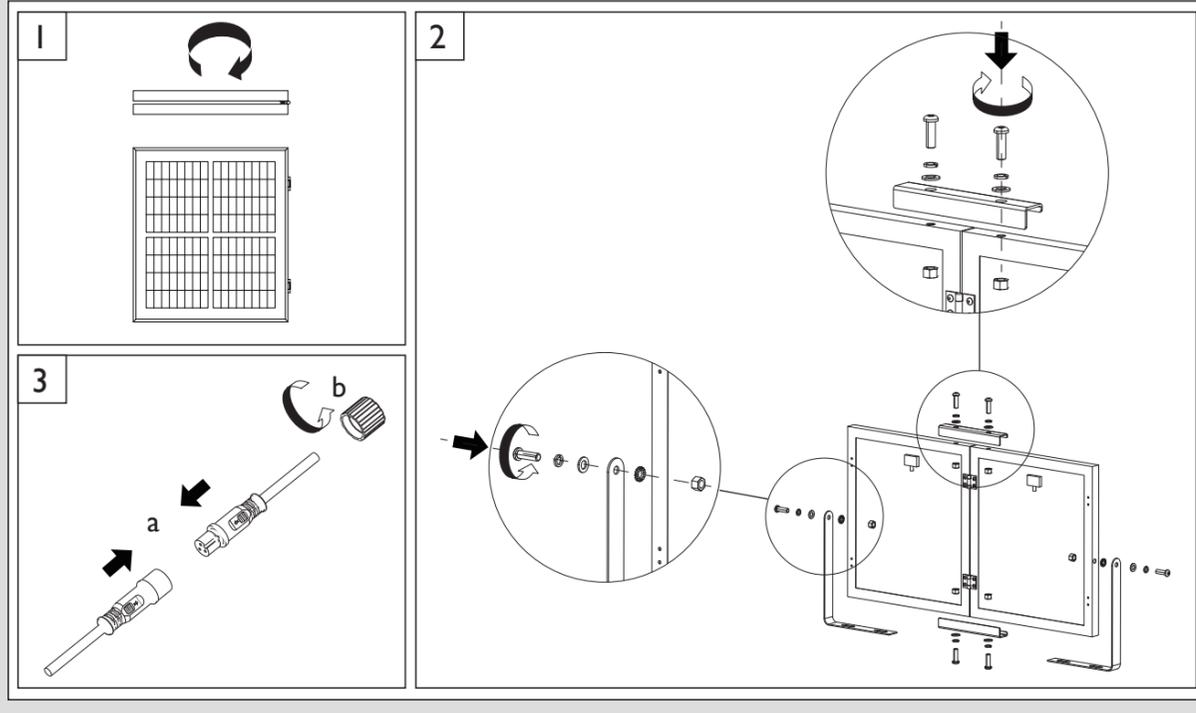
Mounting instruction



Type Number	Flux(lm)	Battery type	Battery parameter	Solar board type	PV power	Solar board voltage	Remote type	Remote distance	CCT	Ta
BVP080 LED10/757 060	1000lm	lithium iron phosphate	6.4V5AH	polycrystalline silicon	10W	9V	infrared	≥ 10m	5700K	-20-55 °C
BVP080 LED20/757 100	2000lm	lithium iron phosphate	12.8V5AH	polycrystalline silicon	12Wx2	18V	infrared	≥ 10m	5700K	-20-55 °C
BVP080 LED30/757 150	3000lm	lithium iron phosphate	12.8V10AH	polycrystalline silicon	15Wx2	18V	infrared	≥ 10m	5700K	-20-55 °C
BVP080 LED48/757 200	4800lm	lithium iron phosphate	12.8V15AH	polycrystalline silicon	25Wx2	18V	infrared	≥ 10m	5700K	-20-55 °C

TYPE	W	L	H	WI	LI	HI
1000lm	190	225	56	250	340	20
2000lm	235	280	65	602	340	20
3000lm	310	370	78	682	350	20
4800lm	323	425	90	702	540	20

TYPE	L2	d	axb	L3	d1	axb1
1000lm	150	8	8x30	100	7	7x17
2000lm	100	—	10x30	100	7	7x17
3000lm	100	—	10x30	130	12	12x32
4800lm	150	—	10x30	130	12	12x32



# PHILIPS

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Remote control function introduction:

- ON** **Always ON mode:** 24 hours a day by default. (approx. max run time 6-8hrs with dimming when battery gets to 30% capacity) If you press either of the timer buttons after entering the mode , it will run according to that time. Will automatically turn OFF after the time is reached. To turn back on press the timer button or the ON button.
- OFF** **Shut down mode:** Turns OFF all functions .
- AUTO** **Light sensing mode:** Turns ON at night and OFF during the day by default.(approx. max run time 12-14hrs based on the below dimming profile) If you press either of the timer buttons after entering the mode , it will run according to that time. Then will automatically turn OFF after the time is reached. To turn back on press the timer button or the auto button again or wait for the next night.
- 3H** **Timer Buttons:**  
Turns the lamp off automatically after 3 hours
- 5H** Turns the lamp off automatically after 5 hours
- 8H** Turns the lamp off automatically after 8 hours
- Dimmer wheel** Adjusts the light output from 10% to 100%. (Battery needs to be >30% and the mode set to Auto first) Product will return to Auto mode after 2 hrs to save battery life)

Dimming Profile for Auto Light Sensing Mode:

Sunset → Sunrise

Period 1	Period 2	Period 3	Period 4	Period 5	Period 6
20% Light output for 1hr	100% Light output for 30min	40% Light output for 1hr	20% Light output for 1.5hr	10% Light output for 2hr	5% Light output for 6hr

\*Notes:  
When the battery is low <30% , the light will reduce to 15% output and the light will turn off when exhausted.  
When switching functions or setting parameters, the light will flash twice to indicate success

1. During installation, please make sure that there is a reasonable angle between solar panel and ground.The installation angle can be adjusted according to the local latitude to ensure that the solar panel can receive as much sunlight as possible.
- ⚠ 2. There should not be any light source interference on the solar panel at night, otherwise fixture will not work normally at night.
3. The battery will be low when the fixture is used for the first time. Please ensure that the fixture has sufficient sunlight to charge it after the installation. It should be charged more than 8 hours for the first time.
4. After the installation of the fixture is completed, the working mode and working time can be set by infrared remote control. For the specific operation method, please refer to the description of the remote control setting of the fixture.
5. This product is charged by solar panel, so it doesn't need any other power supply.
6. When the battery energy is less than 30%, the fixture will automatically reduce the power to 15%, at this time the power adjustment button will be invalid.
7. When the product is in AUTO mode it Turns ON and OFF based on the outside ambient light level. (Dusk and Dawn Detection)
8. The green indicator light will flash 3 times every 5 seconds when the lamp is low power.
9. The use time will decrease when the operation temperature lower than 0 °C .
10. The light source of fixture isn't replaceable, when the lamp reach it's life limit, should replace the fixture.
11. Battery inside the product is not replaceable.