

PHILIPS

Ledinaire Floodlight Solar Gen 2
VVP085 G2

IEC
60598

CE

F

IP66

Ta Luminaire
Operating
MAX 50°C
min 0°C

Tc Battery
Charging
MAX 50°C
min 0°C

Tc Battery
Discharging
MAX 60°C
min -20°C

IK06

RG=1

	CCT	Output Power	Battery type	Battery rating	PV rating	Remote type	Remote distance	Weight	m²
VVP085 G2 22_24S/830_40_65 SLR MDU	3000K* 4000K 6500K	15watt	Lithium iron phosphate	6.4V/6Ah 38.4WH	15Wp/9V	infrared	≤6m	2.56kg	0.0248
VVP085 G2 44_48S/830_40_65 SLR MDU	3000K* 4000K 6500K	30watt	Lithium iron phosphate	12.8V/6Ah 76.8WH	30Wp/18V	infrared	≤6m	5.23kg	0.0676

* default setting @3000K

UNIT:mm							
TYPE	L	W	H	L1	W1	H1	L2
2400lm	176	175	67	230	320	17	5000
4800lm	276	279	67	430	390	17	5000

UNIT:mm						
TYPE	L3	d	axb	L4	d1	axb
2400lm	105	8.5	13.5x8.5	160	8.5	13.5x8.5
4800lm	175	8.5	13.5x8.5	300	8.5	13.5x8.5

M8 Screw
Torque 10N.m

Torque 4N.m

M6 Screw
Torque 4N.m

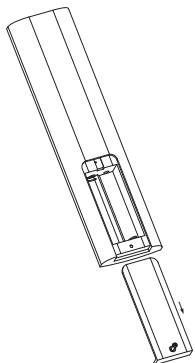
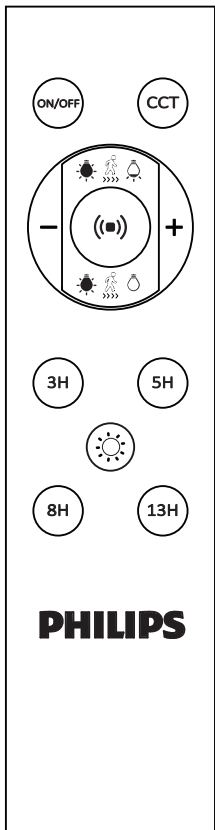
M8 Screw
Torque 10N.m

USB Type-C charging port
Estimated minimum charging time: 8H ~ 32H
auto cutoff

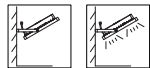
MAX 5V 2A

Tighten after use

Default setting:
CCT 3000K,
Senso ON,
100% output with motion detected,
0% with no motion detected.



ON/OFF



CCT 3000K 4000K 6000K Selectable

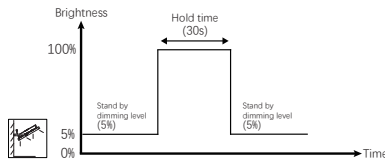
Motion detection mode



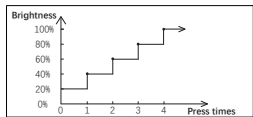
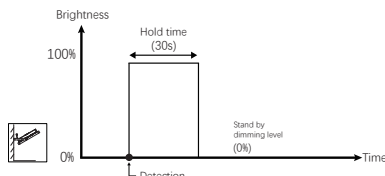
Sensor ON



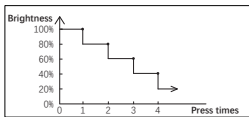
100% output with motion detected, 5% with no motion detected.



100% output with motion detected, 0% with no motion detected.

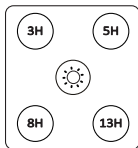


Increase light level by + button



Decrease light level by - button

Constant lighting mode



Constant lighting ON

Note: Duration of the light refers to the table next page on the MI.



3H

Fix mode 3hours auto power off



8H

Fix mode 8hours auto power off



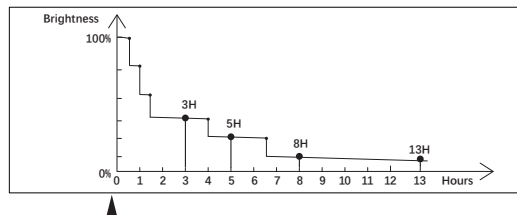
5H

Fix mode 5hours auto power off

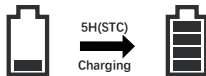


13H

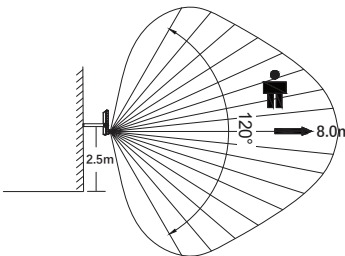
Fix mode 13hours auto power off



Warnings:



STC: 1000 W/m² AM1.5 , 25°C

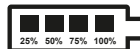
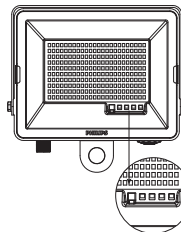


Season	Daily solar charge (worst-case)	Realistic nighttime autonomy	Service level
Summer	Moderate (3-4 equivalent sun hours)	6 to 10 hours	Nearly full-night operation (reliable even with frequent motion detection)
Mid-season	Low to moderate (1.5-2.5 hours)	4 to 7 hours	Partial coverage: most of the night covered, possible shutdown before dawn
Winter	Very low (0.5-1 hour, overcast conditions)	2 to 5 hours	

Note: Under low solar irradiation conditions (e.g. winter or heavily shaded locations), the product autonomy in motion detection mode may be significantly reduced. The luminaire is therefore intended for intermittent, motion-based lighting rather than continuous overnight operation.
"This luminaire is not intended for normative or standard-compliant lighting applications."



To ensure battery performance, do not exceed the storage time as defined below:
(from the date of manufacturing on the label)
up to 12 months
(0~25°C, ≤75%Relative Humidity)
up to 6 months
(0~35°C, ≤75%Relative Humidity)
up to 3 months
(0~45°C, ≤75%Relative Humidity)



WARNINGS stating:

- Non-rechargeable batteries are not to be recharged.
- Supply terminals are not to be short-circuited.
- Different types of batteries are not to be mixed.
- New and used batteries are not to be mixed.
- Keep batteries out of reach of children.