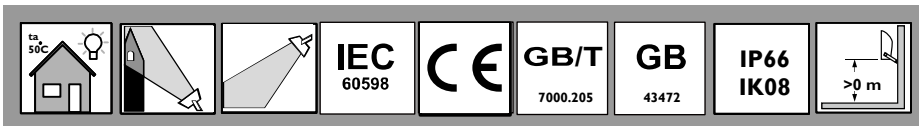
Tango Pro LED Flood

BVP561/562/563/564/565

Mounting instruction /安装说明书

444170265881



Type 类型	Power(W) 功率(W)	CCT 测温	LEDs LED 数量	Weight(KG) 重量(KG)	Wind force area(m²) 风压面积（m²）
BVP561 LED156/757 90W SMB Solar	90	5700K	36	3.7	0.078
BVP561 LED140/757 90W NB Solar	90	5700K	32	3.7	0.078
BVP561 LED106/757 55W SMB Solar	55	5700K	36	3.7	0.078
BVP561 LED96/757 55W NB Solar	55	5700K	32	3.7	0.078
BVP561 LED139/757 80W SMB Solar	80	5700K	36	3.7	0.078
BVP561 LED125/757 80W NB Solar	80	5700K	32	3.7	0.078
BVP561 LED156/757 90W SMB Solar	90	5700K	36	3.7	0.078
BVP561 LED140/757 90W NB Solar	90	5700K	32	3.7	0.078
BVP561 LED156/757 90W SMB Solar	90	5700K	36	3.7	0.078
BVP561 LED140/757 90W NB Solar	90	5700K	32	3.7	0.078
BVP562 LED302/757 170W SMB Solar	170	5700K	72	5	0.12
BVP562 LED270/757 170W NB Solar	170	5700K	64	5	0.12
BVP562 LED110/757 55W SMB Solar	55	5700K	72	5	0.12
BVP562 LED103/757 55W NB Solar	55	5700K	64	5	0.12
BVP562 LED271/757 150W SMB Solar	150	5700K	72	5	0.12
BVP562 LED245/757 150W NB Solar	150	5700K	64	5	0.12
BVP562 LED319/757 180W SMB Solar	180	5700K	72	5	0.12
BVP562 LED283/757 180W NB Solar	180	5700K	64	5	0.12
BVP562 LED319/757 180W SMB Solar	180	5700K	72	5	0.12
BVP562 LED283/757 180W NB Solar	180	5700K	64	5	0.12
BVP563 LED325/757 170W SMB Solar	170	5700K	108	6.7	0.18
BVP563 LED303/757 170W NB Solar	170	5700K	120	6.7	0.18
BVP563 LED114/757 55W SMB Solar	55	5700K	108	6.7	0.18
BVP563 LED113/757 55W NB Solar	55	5700K	120	6.7	0.18
BVP563 LED290/757 150W SMB Solar	150	5700K	120	6.7	0.18
BVP563 LED272/757 150W NB Solar	150	5700K	120	6.7	0.18
BVP563 LED354/757 190W SMB Solar	190	5700K	120	6.7	0.18
BVP563 LED329/757 190W NB Solar	190	5700K	120	6.7	0.18
BVP563 LED277/757 210W SMB Solar	210	5700K	120	6.7	0.18
BVP563 LED354/757 210W NB Solar	210	5700K	120	6.7	0.18

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Type 类型	Power(W) 功率(W)	CCT 测温	LEDs LED 数量	Weight(KG) 重量(KG)	Wind force area(m^2) 风压面积（m^2）
BVP564 LED333/757 170W AMB Solar	170	5700K	144	9.3	0.23
BVP564 LED307/757 170W NB Solar	170	5700K	128	9.3	0.23
BVP564 LED120/757 55W AMB Solar	55	5700K	144	9.3	0.23
BVP564 LED114/757 55W NB Solar	55	5700K	128	9.3	0.23
BVP564 LED296/757 150W AMB Solar	150	5700K	144	9.3	0.23
BVP564 LED273/757 150W NB Solar	150	5700K	128	9.3	0.23
BVP564 LED361/757 190W AMB Solar	190	5700K	144	9.3	0.23
BVP564 LED334/757 190W NB Solar	190	5700K	128	9.3	0.23
BVP564 LED522/757 290W AMB Solar	290	5700K	144	9.3	0.23
BVP564 LED470/757 290W NB Solar	290	5700K	128	9.3	0.23
BVP565 LED347/757 170W SMB Solar	170	5700K	216	12.6	0.31
BVP565 LED332/757 170W NB Solar	170	5700K	240	12.6	0.31
BVP565 LED124/757 55W SMB Solar	55	5700K	216	12.6	0.31
BVP565 LED124/757 55W NB Solar	55	5700K	240	12.6	0.31
BVP565 LED311/757 150W SMB Solar	150	5700K	240	12.6	0.31
BVP565 LED298/757 150W NB Solar	150	5700K	240	12.6	0.31
BVP565 LED386/757 190W SMB Solar	190	5700K	240	12.6	0.31
BVP565 LED359/757 190W NB Solar	190	5700K	240	12.6	0.31
BVP565 LED555/757 290W SMB Solar	290	5700K	240	12.6	0.31
BVP565 LED519/757 290W NB Solar	290	5700K	240	12.6	0.31

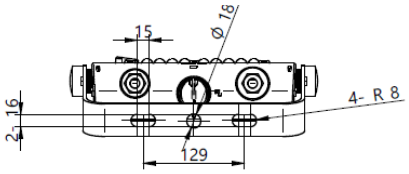
The explanation for model list:
BVP5xx LEDaaa/bbb cccW dddd solar
xx denotes housing code, could be 65, 64, 63, 62, 61; 61 means small housing, 62 means medium housing, 63 means mid-large housing, 64 means large housing, 65 means X-large housing.
aaa denotes rated lumen output, e.g. 800 means 80000 lm.
bb denotes denotes CRI & colour temperature, e.g, 957/857/840/757/750/740/730/727/722/nil, 840 means CRI80 & 4000K, 757 means CRI70 & 5700K.
ccc denotes rated system power, e.g. 500 means 500 Watt.
dddd denotes type of lens, could be SWB/SMB/AMB/SAWB/NB/S6/nil.
nil means blank.

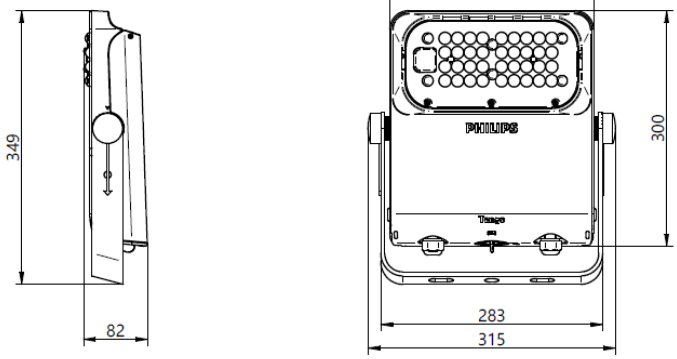

Caution



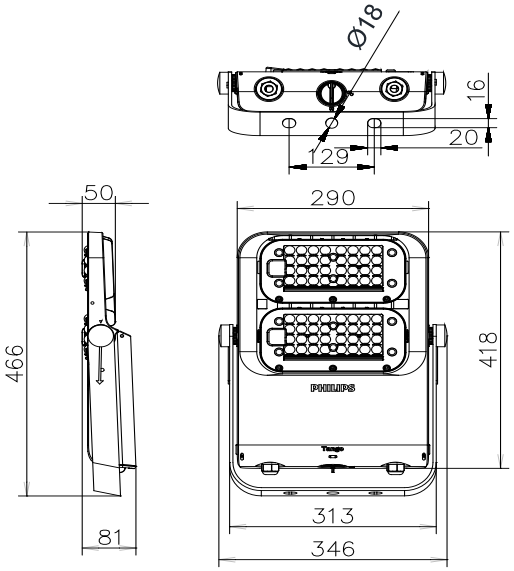
1. Switch off power before operation.
操作前请务必关闭电源。
2. It's not appropriate to install luminaires on interface with normal combustible material.
灯具不适宜直接安装在普通可燃材料表面。
3. The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEEE electrical regulations or the national requirements .
灯具应由有资格的电工安装，接线要符合IEEE电气标准或国家标准。
4. The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
灯具内光源不可以更换，当光源达到寿命时需要进行整个灯具的更换。
5. Controlgear shall be SELV (Uout:80Vdc).
控制装置应为SELV(Uout:80Vdc)。
6. The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 2.2m is not expected.
灯具的安装位置应使其不会长时间在小于2.2m的距离被盯着看.

Dimensions (mm)
尺寸（毫米）

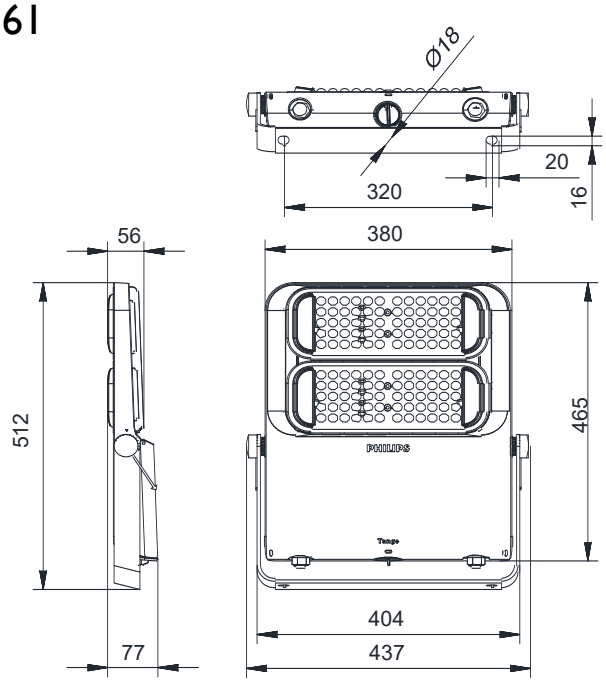




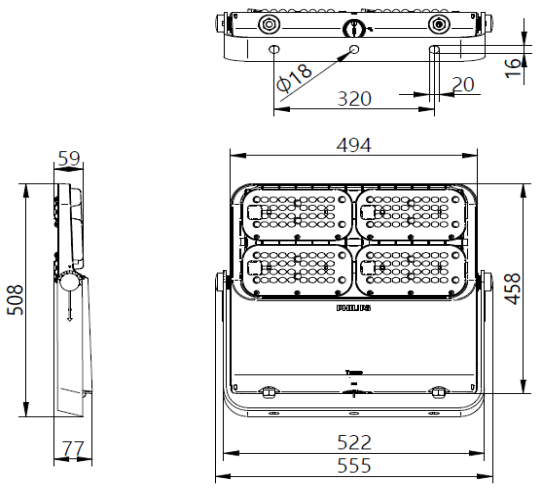
BVP561



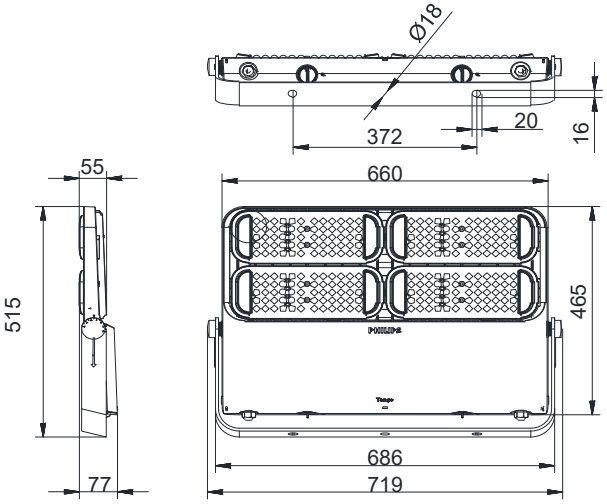
BVP562



BVP563



BVP564



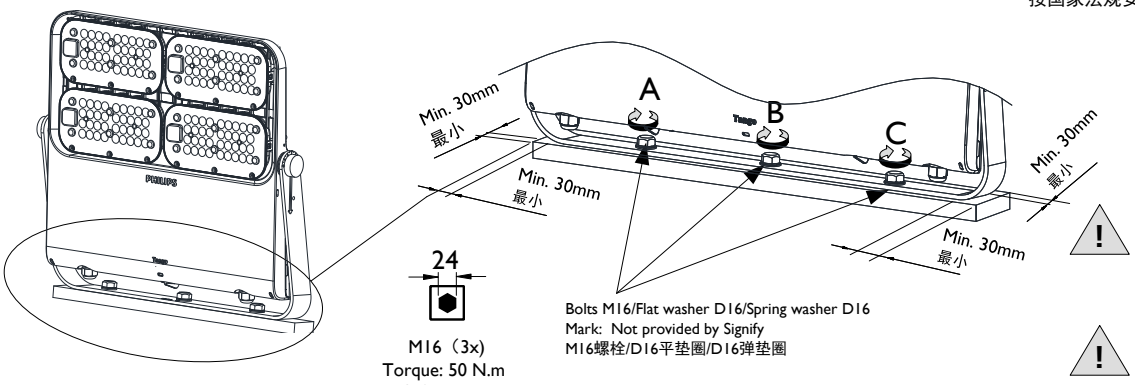
BVP565

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1

Installation instruction
安装说明

Install the luminaire according to the national regulation and make sure it that will not fall off.
按国家法规安装灯具并确保灯具不会坠落



M16（3x)
Torque: 50 N.m
扭矩: 50N.m

Bolts M16/Flat washer D16/Spring washer D16
Mark: Not provided by Signify
M16螺栓/D16平垫圈/D16弹垫圈

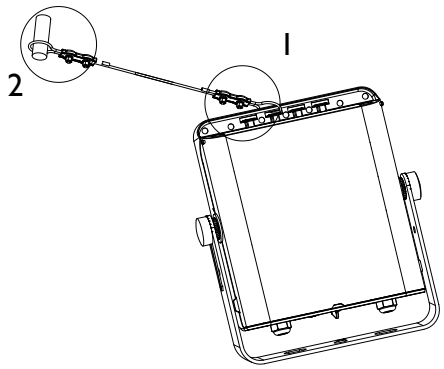
* The fixation of position A and position C is necessary, and the fixation of position B is not mandatory.
A 位置与C位置的固定是必须的，B 位置的固定是不强制性的。

* No Supplied for fixing bolts, nuts and washers by Signify.
Signify不提供固定螺栓、垫圈和弹垫

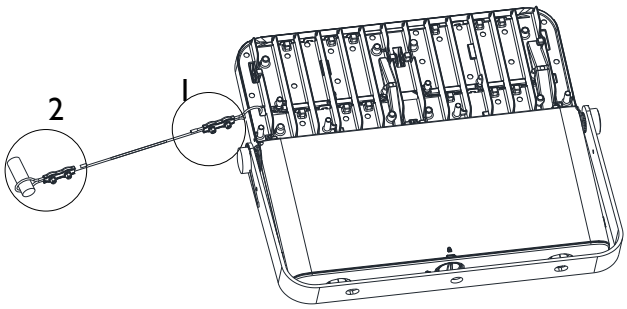
2

Installation of Signify safe chain
安装Signify安全链

BVP561 safety chain mounting position
BVP561 安全链安装位置

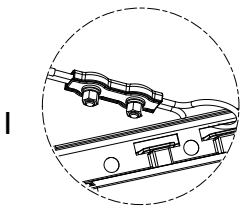


BVP562/563/564/565 safety chain mounting position
BVP562/563/564/565安全链安装位置

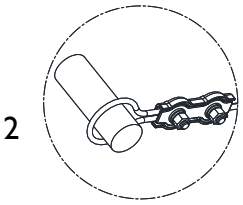


One end of the safety chain is fixed to the side of the Luminaire
安全链的一端固定在灯具侧

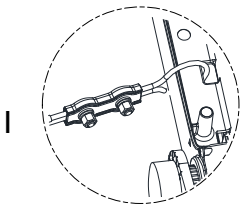
Another end being fixed to safe and reliable devices.
另一端固定到安全和牢固可靠的装置上。



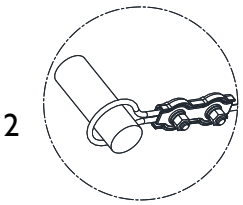
For BVP561: M5 (2x) >4N.m



For BVP561: M5 (2x) >4N.m



For BVP562: M5 (2x) >4N.m
For BVP563/564/565: M6 (2x) >6N.m



For BVP562: M5 (2x) >4N.m
For BVP563/564/565: M6 (2x) >6N.m

Signify Safety chain (No supplied in the luminaire) is necessary under strong vibration work condition such as Harbour, Industry, Mining and so on.
灯具安装在有振动的环境譬如港口、工业或矿业作业等环境下，Signify安全链是必须要安装的, Signify在灯具中不提供此安全链。

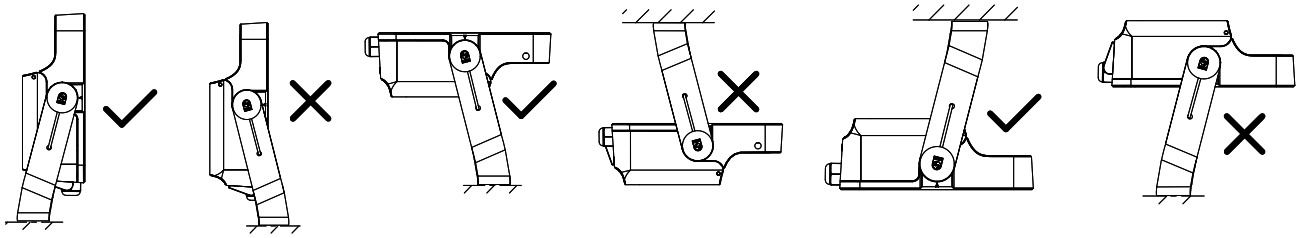
	Signify Safety chain 12NC Signify 安全链 12NC
BVP561/562	911401694009
BVP563/564/565	911401641709

1. No sharp edge on the interface (bracket or hole) of mounting side.
安装侧接口无锐边（支架或孔）
2. For below status, must replace the safe chain by a new one instantly:
发现下面情况之一，安全链必须由一根新的安全链替换。
a, The safe chain was tightened one time by luminaire falling;
安全链承受过一次灯具坠落负荷绷紧。
b, Part of steel wire was broken;
安全链钢丝有部分断裂损坏。
c, While replace the luminaire, the safe chain is a falling protector, not allowed to suspend the luminaire by a long time.
安全链是防坠落保护器具，在替换灯具期间不允许长时间悬挂灯具。

3

Tiltable angle of installation
安装倾斜角度

✓ Recommended ✗ Not recommended

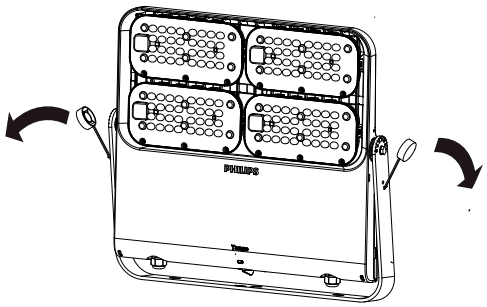


If not consider the impact on the direction of light distribution, it can be installed 360 degrees.
如果不考虑对出光方向的影响，可以360度安装。

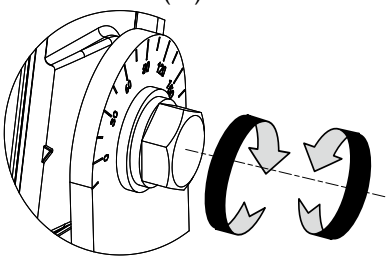
4

Adjusting angle of luminaire
灯具调整角度

1. Pull caps out
at two sides.
拉开塑料耳套。

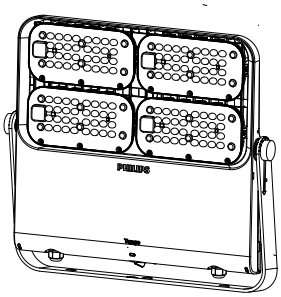


3. Fasten the bolts
After adjustment.
调整好角度后旋紧两侧螺栓。
M10 (2x) 50N.m

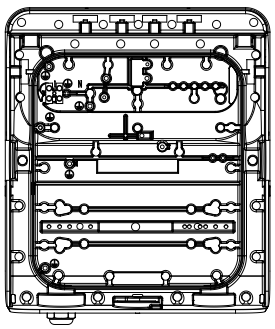


2. Unlock bolts
at two sides for adjusting angle.
调整角度时先松开两侧螺栓。

4. Put two caps back
on the bolts.
将两侧塑料耳套套入螺栓上。



5

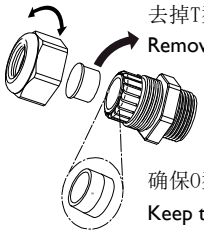


Cable Gland M20：Mains cable防水
接头M20: 电源线

Notice:Correct connection for polarities
注意:正确的极性连接

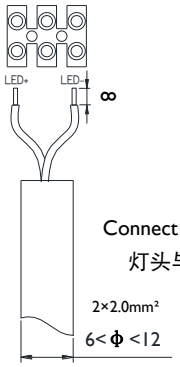
Power cable connection
供电电缆连接

扭矩：3.5Nm
Torque : 3.5Nm



去掉T型密封体
Remove the T-sealing

确保O型圈装好
Keep the o-ring in the PG gland



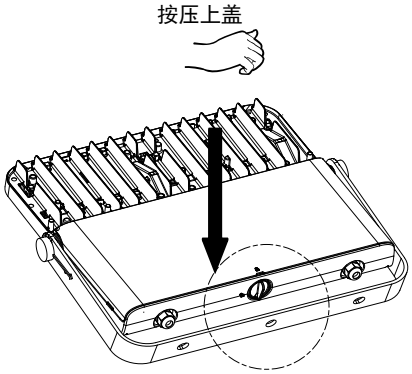
Connect to controller cable
灯头与控制器连接线

1.将电源线防水接头旋开螺帽,去掉前端密封堵头,保留橡胶衬套。插入线缆, 确保橡胶衬套不掉出,然后旋紧螺帽。
Loosen the cap of cable gland, then remove the front plug, should keep the rubber lining in. Insert the cable in and ensure the inner sealing tube not fall off, then fasten the cap.
2.将3路接头与外部电缆连接
Connect power cable.

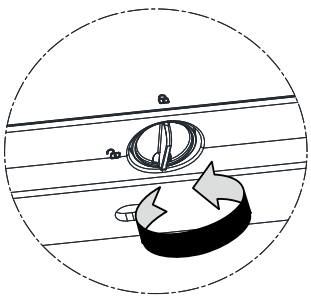
6

Open & Lock Gear cover
打开或关闭上盖

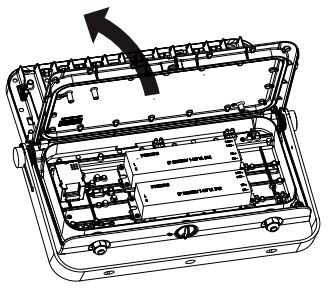
1. Press the cover
按压上盖



2. Turn the knob
and lock the cover
旋转旋钮



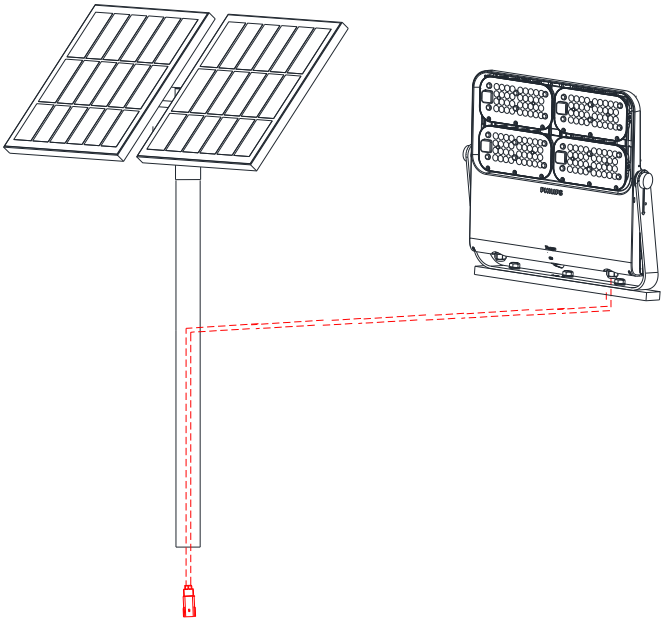
3. open the cover
打开上盖



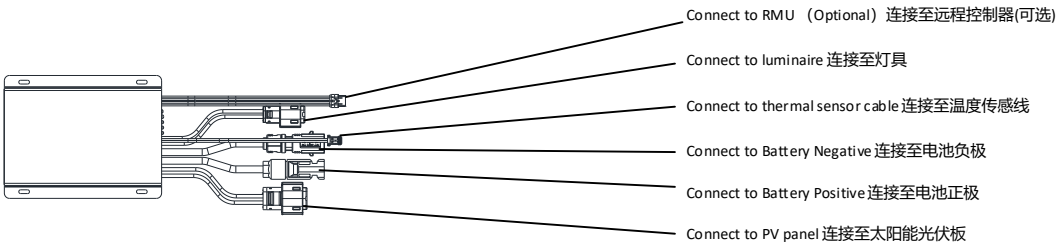
Reverse operation to lock the upper cover
反向操作即可关闭上盖

Warning: Put gasket in order then press down the gear cover and rotate the knob to locking position.
警告：确认密封带放在恰当的位置后压下上盖，然后旋转旋钮锁紧上盖。

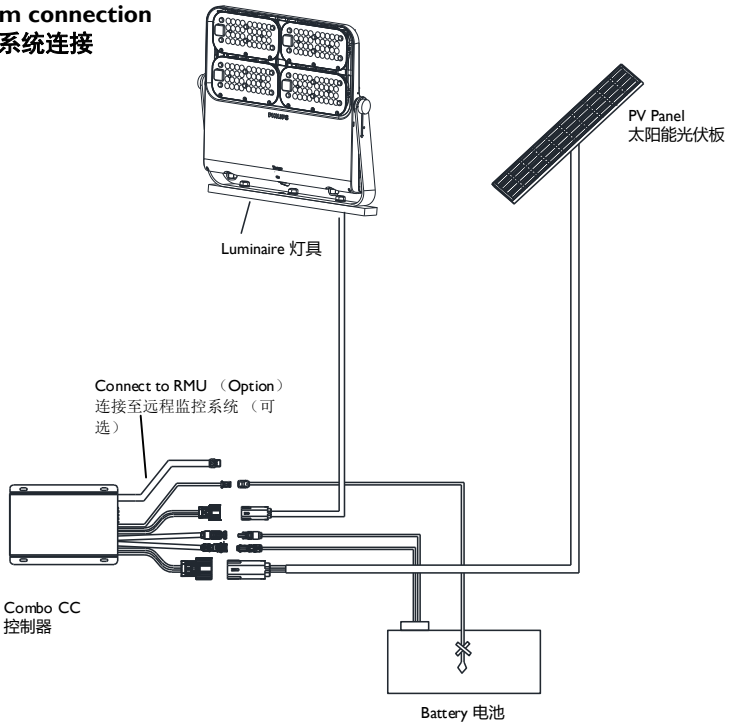
6



Solar Combo CC
太阳能充放电控制器一体机



System connection
系统连接



⚠
1.Connect the luminaire to the combo CC Fristly.
先将灯具连接至控制器
2.Connect the Battery to the Combo CC, Please note the positive and negative.
再将电池连接至控制器，请注意正负极，严禁接反。
3.Connect the PV panel to the Combo CC, Please note the positive and negative.
将太阳能光伏板连接至控制器,请注意正负极，严禁接反。
4.Adhesive the thermal sensor end to the battery surface
将控制器附带的温度传感线粘贴在电池表面
5. Connect the RMU to the Combo CC。（Optional）
将远程监控系统连到控制器。（可选）