

**MODELS:**

DAB-SOL-A16-50W-MCT; DAB-SOL-B20-50W-MCT; DAB-SOL-B23-50W-MCT

**\*Must be installed with DAB-SOL-MOD-50W (solar panel module)**

Item	MODEL	SOLAR PANEL	Battery	LED Watt
A	DAB-SOL-A16-50W-MCT	115W	54 AH/12.8V	50W
B	DAB-SOL-B20-50W-MCT	115W	54 AH/12.8V	
C	DAB-SOL-B23-50W-MCT	115W	54 AH/12.8V	

**1.Introduction:**

The DAB series has different installation methods and can be adapted to 3-5 inch light poles by matching different adapters(DAB-SOL-PA3-\*, DAB-SOL-PA4-\*, DAB-SOL-PA5-\*).



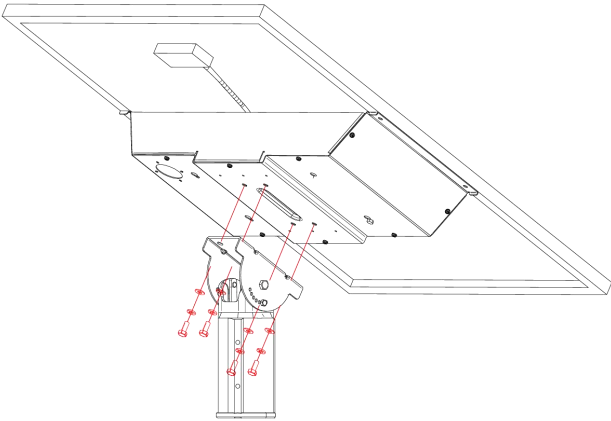
- \* The solar panel and battery adopt an integrated design, equipped with a controller and microwave sensor. Easy to wire and install
- \* Lumileds 2835 LED, CRI>70
- \* Remote control with multiple energy-saving modes
- \* It can be used for three days at least when meet the the continuous rainy day. High efficiency MPPT controller for charging
- \* The battery will stop charging when the environment temperature below than 0°C)
- \* Optical Lens: High light transmittance PC, anti-UV and flame resistant

**2.Installation instructions:**

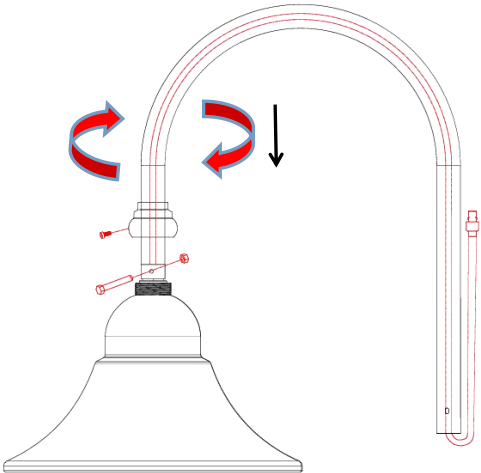
- 1.Use M10 screws to connect the slip fitter to the solar panel module (DAB-SOL-MOD-50W)
- 2.Pass the fixing part and waterproof cable through the elbow; use M8 screws to pass through the holes on the elbow and fix them with nuts; rotate the fixing part to fix the elbow and the lamp; finally, tighten the fixing part with M6 screws.
- 3.Pass the waterproof cable through the mounting adapter and the solar panel support tube.

4. Connect the waterproof cable to the solar panel module (DAB-SOL-MOD-50W) and tighten all the accessories with screws.

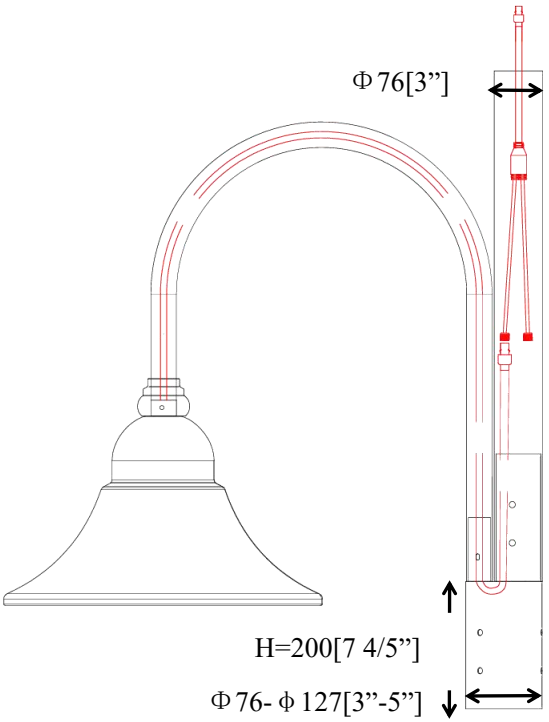
Step 1



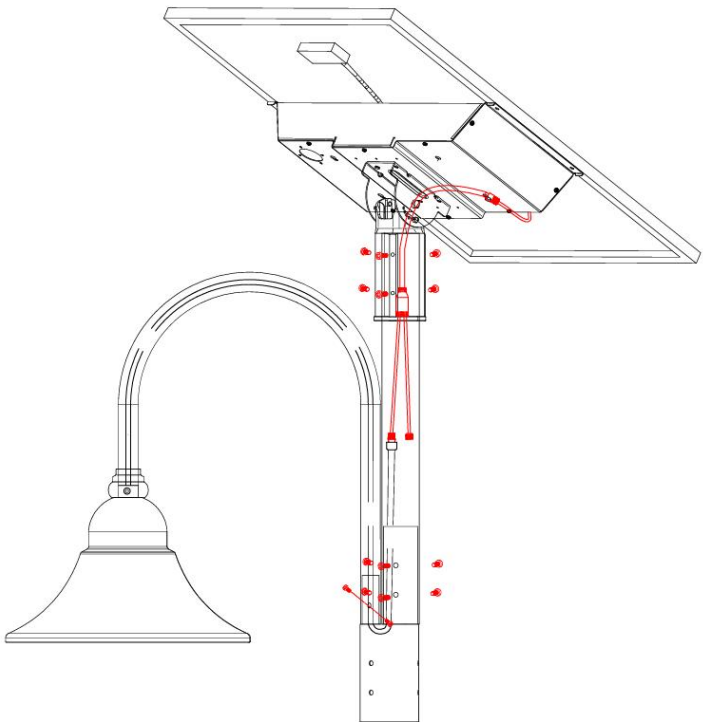
Step 2



Step 3

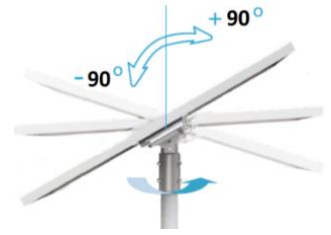


Step 4

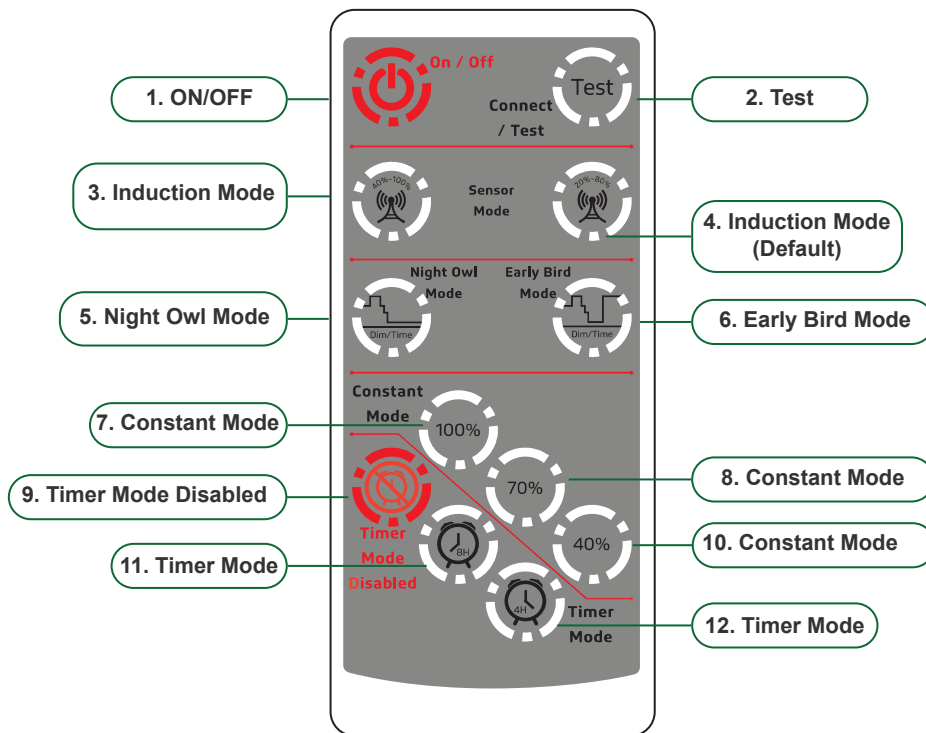


**3. Adjust the direction and rotation angle of the solar panel. See below:**

Adjust the angle between the solar panel surface and sunlight according to the installation environment. The maximum adjustable angle is +/-90 degrees.



**4. Remote control instructions:**



**Function:**

**1.ON/OFF**

When ON/OFF is pressed, the indicator flashes red if the fixture is fully charged and ready to work. The indicator flashes green if the battery power is less than 10%. If the indicator doesn't flash upon restart, please contact your local distributor.

**2.Test**

To test, press it once. If the test is successful, the fixture will light up to 20% brightness, dim up to 80% brightness, and prepare for the next steps. If the test is unsuccessful, the fixture is either out of charge or turned off. Please check the condition of the light and try again. Testing time lasts 10 seconds, and then it goes back to the previous mode in use.

**3. Induction Mode 40% - 100%:**

Constant 40% brightness (turn on at dusk, turn off at dawn); the light goes on 100% brightness for 2 mins when motion is detected.

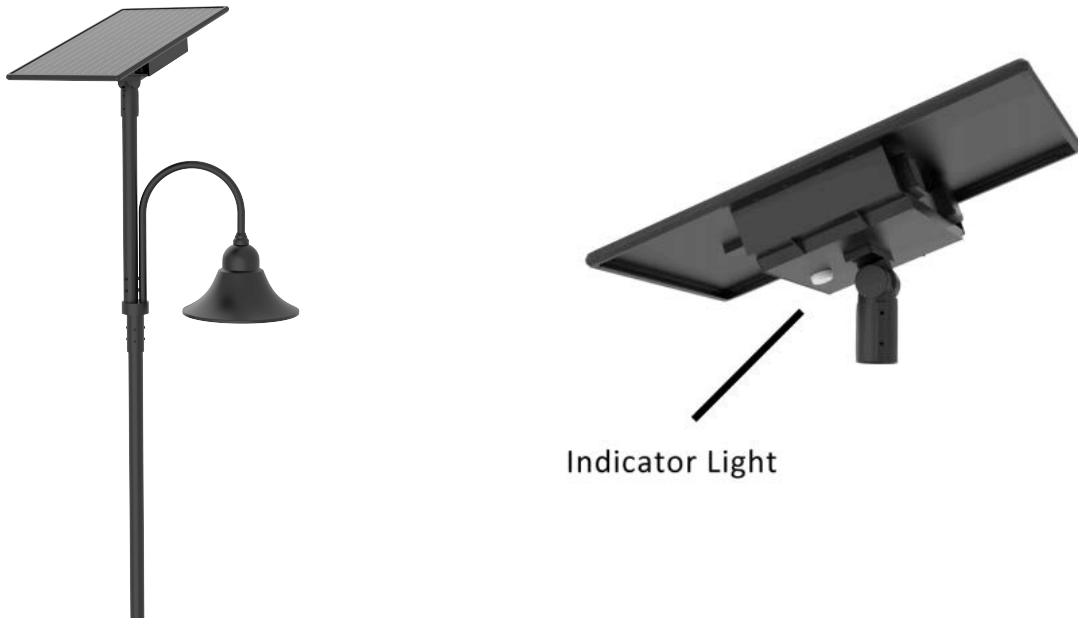
**4. Induction Mode 20% - 80% (Default):**

Constant 20% brightness (turn on at dusk, turn off at dawn); the light goes on 80% brightness for 2 mins when motion is detected.

**5. Night Owl Mode:** Based on night-time activities: 70% brightness for Hour 0 (Dusk)-0.5, 100% brightness for Hours 0.5-3.5, 70% brightness for Hour 3.5-4.5, 50% brightness for Hour 4.5-5.5, 20% brightness for Hours 5.5-11 (Dawn)

**6. Early Bird Mode:** Based on night-time activities with increased brightness for early risers: 70% brightness for Hour 0 (Dusk)-0.5, 100% brightness for Hours 0.5-3.5, 70% brightness for Hour 3.5-4.5, 50% brightness for Hour 4.5-5.5, 20% brightness for Hours 5.5-10, 70% brightness for Hour 10-11 (Dawn).

7. Constant Mode 100%: 100% brightness from dusk to dawn. Suitable for areas and seasons with sufficient sunlight.
8. Constant Mode 70%: 70% brightness from dusk to dawn. Suitable for areas and seasons with sufficient sunlight.
9. Timer Disabled: Press this button to turn off Timer Mode; Settings go back to the previous mode that was set before timer mode.
10. Constant Mode 40%: 40% brightness from dusk to dawn. Suitable for areas and seasons with sufficient sunlight.
11. Timer Mode 4 Hours: Light turns off 4 hours after it turns on (dusk). For example: Press this button at any time; if the light turns on at 7pm, it will turn off at 11 pm. It will repeat the same schedule hereafter until it is canceled by using 9 Timer Disabled.
12. Timer Mode 8 Hours: 8 Hours Light turns off 8 hours after turning on (dusk). For example: Press this button at any time; if the light turnson at 7 pm, it will turn off at 3 am. It will repeat the same schedule hereafter until it is canceled by using 9 Timer Disabled.



### Indicator Light Description

The light has been charged and ready to work (Stand By Mode): Solid red indicator

The battery has less than 10% charge:Green indicator flashes

The light is on (Working Mode): Solid green indicator

When charger (sold separately)is plugged-in/being charged by sunlight:

The battery is charging (Stand By Mode):Red indicator flashes

### Storage:

To avoid over discharge of the battery during storage, please recharge the light fixture every 3 months. (Press the switch when charging and use a dedicated charger (sold separately) to charge, reset the switch when done.)