

Installation Guide

This procedure is designed as an installation aid. Skilled tradespeople that are familiar with general construction and electrical installation techniques should perform the installation. Licensed electricians should provide electrical installation connections. Installations and connections should be done in accordance with all national and local codes and permits. In no way is this document intended to construe warranty or fitness of use of the products described, nor is it intended to provide safety instruction for those installing the product.

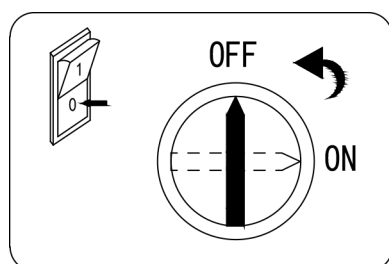
⚡ WARNING

Before proceeding with installation or service maintenance of this product:

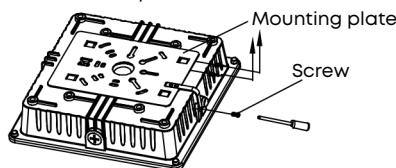
- Disconnect power to reduce electrical shock risk.
- Review the entire Installation Guide.
- Inspect this properly packaged product for any damage that may have occurred during transit.
- Verify product application complies with manufacturer design recommendations.
- Verify the availability of necessary tools and incidental material.
- Verify applicable code requirements. Field assembly and installation are subject to acceptance by local inspection authority.
- Appropriate safety equipment to be determined by end user, per applicable safety standards and precautions.

Installation method 1 : Ceiling Installation

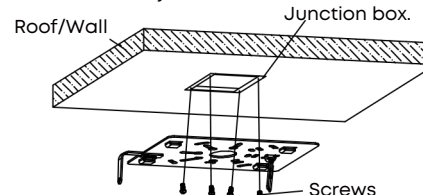
⚠ **Caution:**
Switch Off the Power Supply



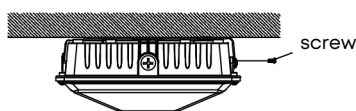
1. Loosen the screw to take off the mounting plate from the lamp



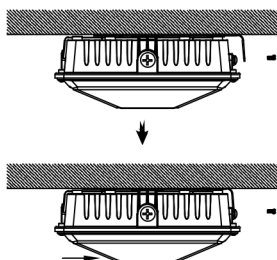
2. Use screws to lock the mounting plate on the embedded junction box.



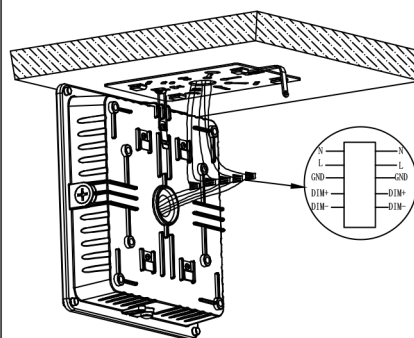
5. Secure the screw .Installation completed.



4. Hook up lamp on the mounting plate .



3. Hang the lamp on the ring so as to connect wires qith terminal caps.



Connect the wires

- *AC L(Brown or Black)
- *AC N(Blue or White)
- *AC (Green/Yellow or Green)

Signal wires

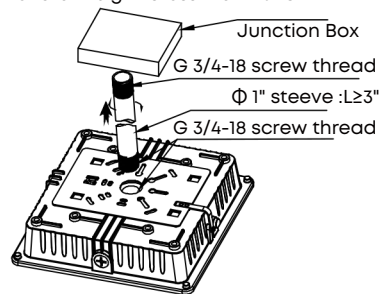
- *DIM+(Blue or Purple)
 - *DIM-(White or Gray)
- This connecting can be omitted if with non-dim driver

⚠ **Caution:**

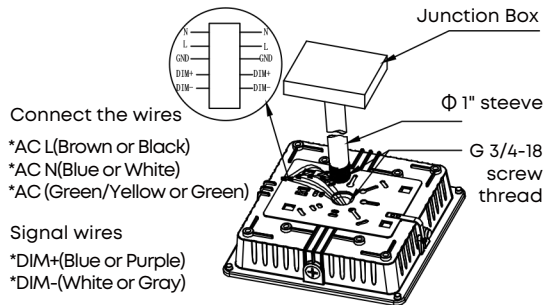
- Turn power Off During Installation.
- Do Not Connect Or Disconnect Under Load
- Caution Risk of Fire

Installation method 2 : Pole-pendent Installation

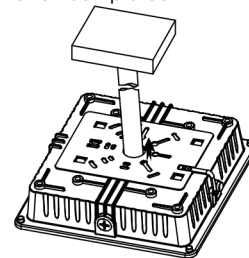
1. Screw the 1 inch tube into the junction box.
The total weight is less than 4.5KG



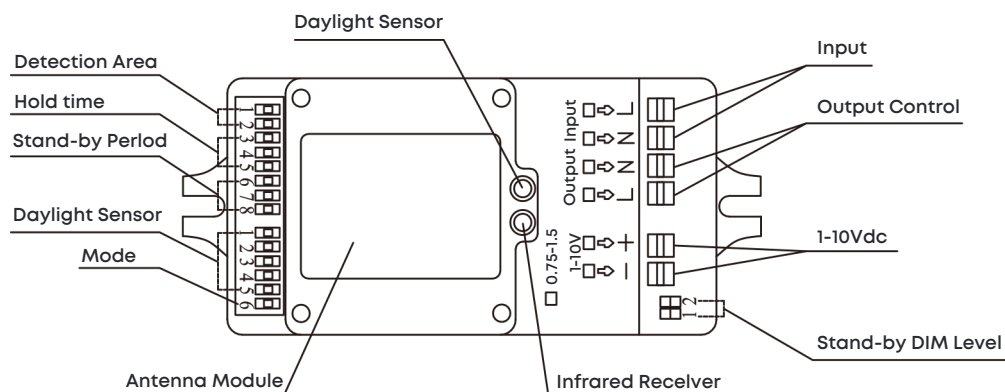
2. Connecting wires with terminal caps as picture shows



3. Rotating the steeve to make it fixed with lamp.
Installation completed.



Function Diagram:



DIP Setting:

1. Detection Area

	1	2	
I	ON	ON	100%
II	ON	-	75%
III	-	ON	50%
IV	-	-	10%

2. Hold Time

	3	4	5	
I	ON	ON	ON	5s
II	-	ON	ON	30s
III	ON	-	ON	1min
IV	-	-	ON	3min
V	ON	ON	-	20min
VI	-	-	-	30min

3. Stand-by Period

	6	7	8	
I	ON	ON	ON	0s
II	-	ON	ON	5s
III	ON	-	ON	5min
IV	-	-	ON	10min
V	ON	ON	-	30min
VI	-	ON	-	60min
VII	-	-	-	+∞

4. Daylight Sensor

	1	2	3	4	5	
I	ON	ON	ON	ON	ON	5lux
II	-	ON	ON	ON	ON	15lux
III	ON	-	ON	ON	ON	30lux
IV	ON	ON	-	ON	ON	50lux
V	ON	ON	ON	-	ON	100lux
VI	ON	ON	ON	ON	-	150lux
VII	-	-	-	-	-	Disable*

5. Detection Mode

	6	
I	ON	HS
II	-	LS

6. Stand-by DIM Level

	1	2	
I	-	ON	50%
II	ON	-	20%
III	-	-	10%

Initialization:

1. On/Off function /3-step dimming function:

After power on, the sensor automatically turns on light at 100% brightness. After 10sec, it turns off the light. During the initialization, the sensor is not able to detect movement.

2. 2-step dimming function:

After power on, the sensor automatically turns on light at 100% brightness. After 10sec, it dims the light to a low light level (set by stand-by dim level). During the initialization, the sensor is not able to detect movement.

Application Notice:

- 1) The product dimming function needs to be equipped with an 1-10V dimming LED driver.
- 2) The sensor should be installed by a professional electrician. Please turn off the power before installing, wiring, changing the setting of the DP switch.
- 3) The sensor mounted in a plastic, glass lampshade would reduce the sensitivity of the sensor. For every 3 mm increase in thickness, the sensitivity would reduce by 20%.
- 4) The sensing distance will be affected by the height of the sensor installation, the size of the object being detected, and the speed of movement.
- 5) Daylight the value is in a sunny environment with no shadows and ambient light diffuse reflection conditions. The values illumination detected by sensor may vary in different environment, at different times, in different seasons, and in different climates.
- 6) The parameters of the sensor may need to be reconfigured in different installation environments. Please refer to the following instructions or contact the manufacturer.
- 7) This sensor is for indoor use only. Outdoor use will affect the waterproof effect, wind and moving objects around would cause false triggering.
- 8) The distance between any inductive sensors should be greater than 3m.
- 9) When the sensor is installed in a metal illuminance, a metal reflective surface, or a narrow enclosed environment, the microwave will be reflected repeatedly and cause false triggering. Please reduce the sensitivity or contact the manufacturer for technical support.
- 10) Do not place the sensor close to high-density objects such as metal, glass, mixed-use walls, etc. The sensor may be triggered by mistake.
- 11) Please ensure that there are no moving signals around the sensor, such as fan, DC motor, sewer, air outlet, etc, the sensor may generate false triggers.
- 12) You are advised to test 5 samples before mass application of sensor in a new lighting project.