

PLUTO LED DIY Flush with Sensor

SKU# 090780

Rated Voltage 220-240V~ 50Hz

To ensure correct function and safety, please read and follow all instructions carefully before assembly, installation and use of this product. Please keep instructions for future reference.

Warranty

- This luminaire is covered by a 3 year warranty. The warranty is from date of purchase, not the date of installation.
- Please retain the proof of purchase for any warranty enquiries.
- This luminaire is not suitable for use with dimmer switches. The warranty will be void if this luminaire is used on the same circuit which has a dimmer switch.
- Warranty will be void if there is any damage due to improper usage or modification to the luminaire.
- Failure to comply with the instructions in this manual may increase the risk of damage or injury and will void the warranty.

Installation Requirements

- This luminaire is a Class II product and must be maintained during wiring and installation.
- Select a suitable location for installation:
 - This luminaire is suitable for indoor use only.
 - This luminaire is suitable for ceiling mount ONLY.
 - This luminaire is NOT suitable for wall mount installations.
 - The mounting point must support 2 times the weight of the luminaire.
 - See the Sensor Information section in this instruction manual for additional information about the sensor detection range and sensitivity, to select a suitable installation location.
- This luminaire is not suitable for use with dimmer switches. The warranty will be void if this luminaire is used on the same circuit which has a dimmer switch.
- Take care not to pull any electrical wires during unpacking as this may damage the connection.
- Lay out all the components on a smooth surface and make sure no components are missing before assembling. If parts are missing, return the complete product to the place of purchase for inspection or replacement.
- Check whether the luminaire has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.

Installation Directions

WARNING: Ensure power to the circuit you are working on has been switched OFF before commencing any electrical work.

1. Remove all packaging material from the product and be careful not to throw away accessories that may be hidden within the packaging material. Lay out all the components on a smooth surface and make sure no components are missing before assembling. If parts are missing, return the complete product to the place of purchase for inspection or replacement.
2. Remove the light globe from the batten holder (Fig 1).
3. Remove the skirt from the batten holder (Fig 2). Insert the base of the fitting onto the batten holder. Using the base as a template mark the screws position on the ceiling.

NOTE: When marking the screws position make sure the sensor is facing the desired detection location.

4. Install the base onto the ceiling using the appropriately sized anchors and screws. Ensure the screws and anchors used are suitable for the mounting surface and the surrounding environment.

NOTE: This luminaire is NOT suitable for wall mount installations.

NOTE: This luminaire is a Class II product and must be maintained during installation.

5. Lock the base by re attaching the skirt to the batten holder
6. Plug the bayonet plug into the batten holder (Fig 4)
7. Adjust the time and lux settings by rotating the dial (Fig 5).

NOTE: To see the sensor information go to page 3.

8. Use the DIP switch to select the colour temperature you desire:

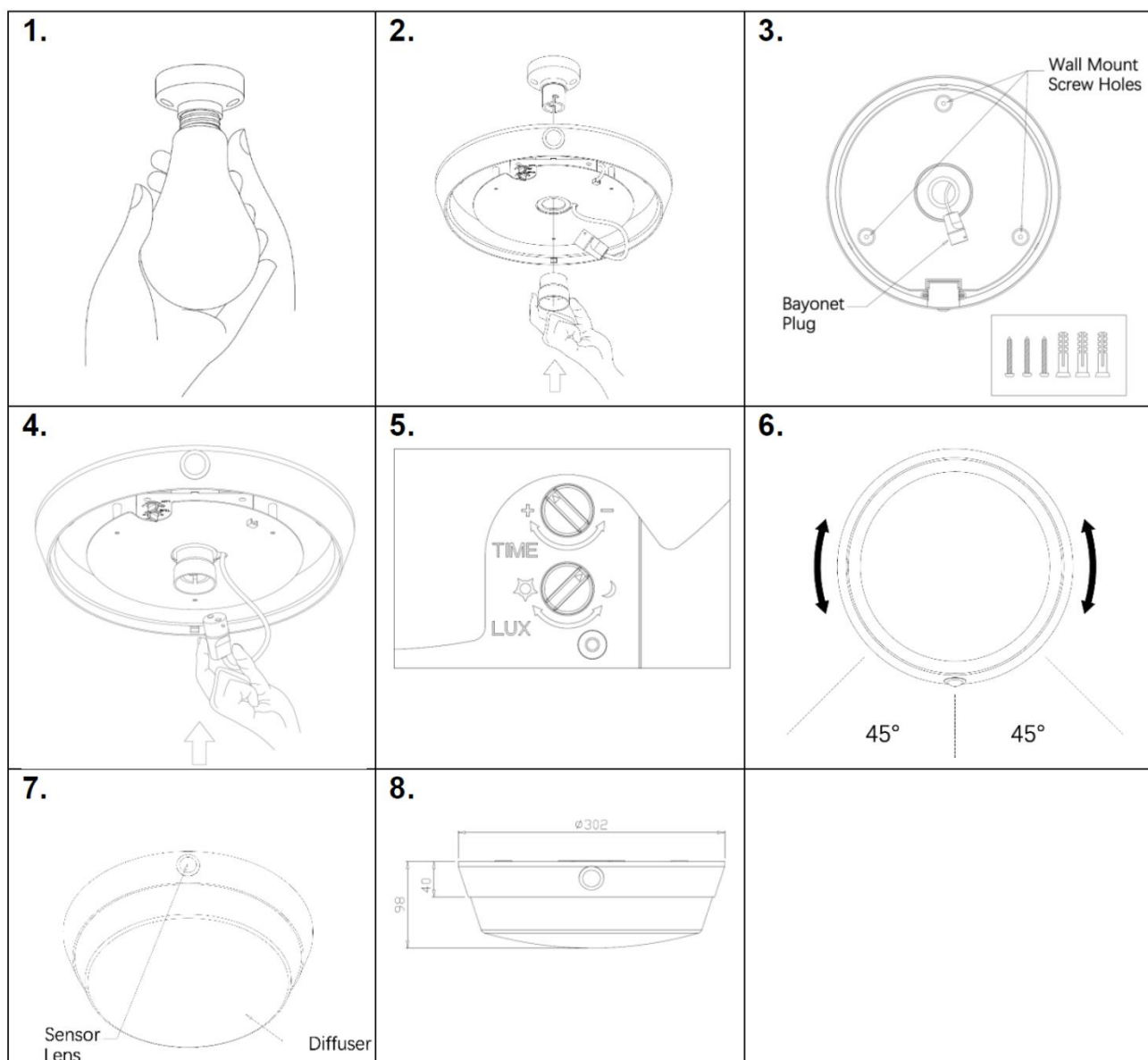
WW – Warm White

NW – Neutral White

CW – Cool White

NOTE: When switching the colour temperature, ensure the luminaire is turned OFF. If the luminaire is not turned off, it may damage the LED driver when switching the colour temperature.

9. Attach the diffuser to the base by twisting it on clockwise (Fig 6).
10. After the installation, switch on the luminaire to test and enjoy your new lighting product.



Sensor Information (Fig. 5)

TIME: The duration time of the luminaire remains ON can be adjusted.

The (+) position means the luminaire will be ON for the maximum duration time of 2mins $\pm$ 1mins.

The (-) position means the luminaire will be ON for the minimum duration time of 10secs $\pm$ 2secs.

NOTE: Once the PIR sensor has been triggered, any subsequent detection will start the timed period again from the beginning, the sensor will remain on until there is no movement detected.

LUX: The sensor has a built-in sensing device (photocell) that detects daylight and darkness.

The (✱) position means that the sensor will work at both day and night.

The (☾) position will only work at night.

NOTE: If you want to test the detection area of the PIR sensor, please wait for the ambient light level is below 20 lux

AUTOMATIC MODE

Turn your wall switch ON, the light will get into automatic mode and start sensing after dusk. It will switch ON whenever heat movement is detected and automatically switch OFF after pre-set time elapses.

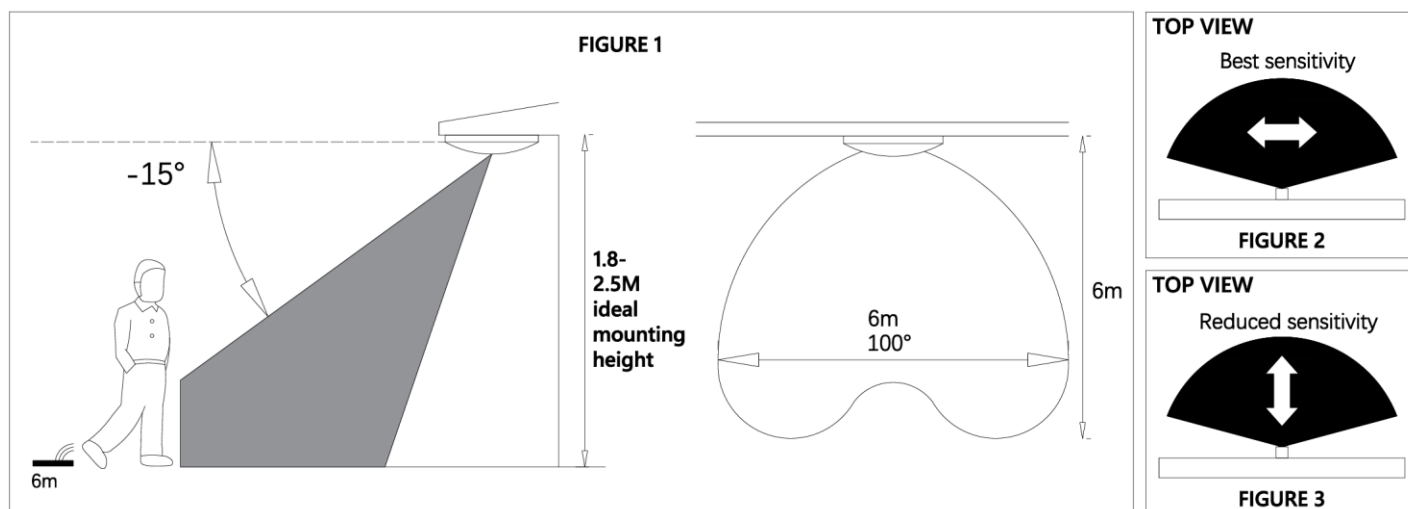
The detecting area is about 6 meters at 90-degree direction.

MANUAL OPERATION (OVERRIDE FUNCTION)

To override the automatic mode, the light must be switch ON in the automatic mode, then switch your wall switch OFF and back ON withing 2 seconds. Your sensor light now will stay on continuously, just like a normal light. To return your sensor light to the automatic mode, switch OFF your sensor light for at least 5 seconds, then switch it ON again.

LOCATION AND DETECTION

- The ideal mounting height is 1.8-2.5m (Fig. 1)
- The detection area is approximately 6m away with an angle of 100°. The detection area will vary depending on the mounting height and items in the detection area. (Fig. 1)
- The sensor has increased sensitivity with movement across the detection area. (Fig. 2) • The sensor has reduced sensitivity with movement towards and away from the detection area. (Fig. 3) • If movement is made walking directly towards or away from the sensor and not across its detection area, the detection range will be substantially reduced. • The detection area may also alter at different temperatures. PIR sensors are more sensitive in cold weather than warm weather.
- To avoid damage to the sensor, do not aim the sensor towards the sun.
- To avoid false triggering:
 - The sensor should be directed away from potential heat sources such as barbecues, air conditioners, exhaust vents etc.
 - Avoid areas with strong electromagnetic disturbance, outside lighting, moving cars, trees, or pets.
 - Do not aim towards reflective surfaces, such as smooth white walls, swimming pools, ponds etc.
 - It is recommended the luminaire is installed on its own switch and not interconnected with other luminaires on the same switch.
 - Avoid installing the luminaire in close proximity or on the same circuit to any fluorescent luminaires or ceiling fans. RFI interference may cause the luminaire to switch on unintentionally.



Safety Tips

- Always ensure the power is OFF and the luminaire has cooled down before performing any maintenance, cleaning, or making any adjustment to the luminaire.
- There are no serviceable parts, do not attempt to dismantle or open the luminaire.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life, the whole luminaire shall be replaced.
- To avoid injury or damage to the luminaire, ensure that power leads and screws are secure before connecting the power.
- To clean wipe with a soft damp cloth. Do NOT soak or immerse the luminaire in water or other liquids.
- Ensure that the luminaire does not come in contact with corrosive chemicals/solvents or abrasive cleaners etc.

Specification

SKU #	090780
Colour	White
Rated Voltage	220-240V~ 50Hz
Rated Wattage	18W Max.
Protection Class	Class II
LED Specs	Non-Dimmable, Colour switching LEDs, CRI≥80
Lumens	3000K – 1800 lumens 4000K – 1970 lumens 6000K – 1940 lumens
IP Rating	IP20
Detection System	Passive Infra-Red PIR
Approx. Range	6 meters at 90 degree scan
Timer Setting	10 seconds – 2 Minutes
Weight	0.5kg
Luminaire Dimensions	H:71mm Dia:302mm