TORANT LED FLOOD LIGHT WITH SENSOR
SKU# 231080, 231081
Rated Voltage 220-240V~ 50Hz

Thank you for purchasing this quality MFL product. 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.
- If the luminaire is not assembled and installed by a licensed electrician the warranty will be void.
- Please retain proof of purchase and evidence of assembly and installation by a licensed electrician.
- 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 warranty.

Installation Requirements

- This luminaire must be assembled and installed by a licensed electrician.
- All wiring and installation of the luminaire must adhere to latest local and national wiring rules.
  eg. AS/NZS 3000 Electrical installations.
- This luminaire is a Class I product and must be earthed.
- Select a suitable location for installation:
  - This fitting is protected against water penetration to IP65 standards, which is against low pressure jets of water from all practicable direction. This must be maintained during installation.
  - It is suitable for indoor or outdoor use.
  - The mounting point must support 2 times the weight of the fitting.
- 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 there are no components 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.
- Ensure power to the circuit you are working on has been switched OFF before commencing any electrical work.

Installation Directions

1. Remove all packaging material from the product and be careful not to throw away accessories that may be hidden within the packaging material. If assembly is required, lay the luminaire on a smooth non-scratch surface.
2. Use the mounting bracket as a template to mark the position of the holes onto the ceiling. Drill holes into the wall and place the plastic anchors into the holes. (Step 1)
3. Secure the mounting bracket onto the wall with the screws provided. Ensure the screws and anchors used are suitable for the mounting surface and the surrounding environment. (Step 2)
4. Connect the mains supply wire to the terminal connectors. (Step 3)

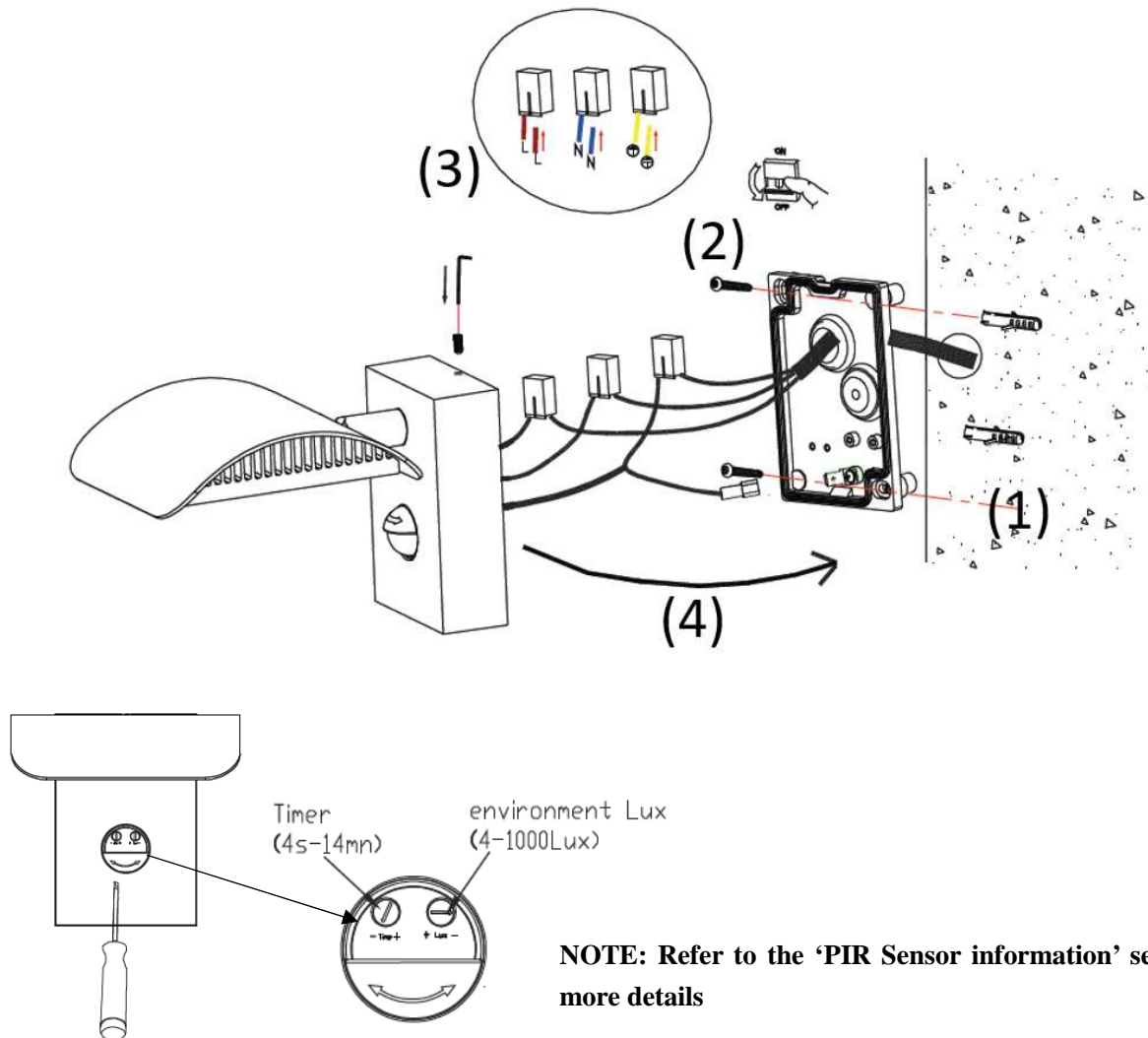| Mains Supply Wire	Luminaire Wire / Terminal block
Earth – Yellow/Green	Yellow/Green or ⏚
Neutral – Blue or Black	Blue or N
Live – Brown or Red	Brown or L

Ensure the wires are secure and no bare wires are exposed.

NOTE: It is recommended that a non-corrosive bead of silicone be applied before installation onto the wall ensuring that no water can run down into the cabling.

5. Install the main body on the mounting bracket by tightening the screw with the provided allen key. (Step 4)

6. Adjust the PIR sensor according to your need. (Refer to 'PIR Sensor information' section for more details)
7. After the installation, switch on the luminaire to test and enjoy your new lighting product.

NOTE: Refer to the 'PIR Sensor information' section for more details

PIR sensor information

PIR (PASSIVE INFRA RED) SENSOR:

The fitting has a PIR (Passive Infra Red) sensing device which continuously scans the operating zone and immediately switches the light on when it detects movement in that area. Whenever movement is detected within the range of the sensor, the light will switch on automatically to illuminate the area. While there is movement within the sensor range, the light will remain on.

SENSOR LOCATION & INFORMATION:

To find a suitable location for installation, please take into consideration the following points:
- The ideal mounting height for the fitting is between 1.5m to 2.5m above the detection area.
- The detection area is approximately 10 metres away at an angle of 120° wide. This may vary depending on the mounting height and location.
- The detection area may also alter at different temperatures. PIR sensors are more sensitive in cold weather than warm weather.
- The sensor has better sensitivity with movement across the detection area.
- The sensor has reduced sensitivity with movement towards and away from the detection area.
- If movement is made walking directly towards or away from the sensor and not across, the apparent detection range

will be substantially reduced.

- To avoid false triggering, the sensor should be directed away from potential heat sources, such as barbecues, air-conditioners, air vent etc.
- Avoid installing the fitting in close proximity or on the same circuit to any fluorescent light fittings or ceiling fans. RFI (Radio Frequency Interference) may cause the fitting to switch on unintentionally.
- Do not aim the sensor towards reflective surfaces, such as smooth white walls, swimming pools etc.
- To avoid damage to the sensor, do not aim the sensor towards the sun.
- It is recommended that the fitting is installed on its own switch and does not interconnect with other lights on the same switch as it may cause false triggering.

SENSOR SWITCH SETTINGS:

DURATION TIME: The time of the light remain switched on after activation can be adjusted from 4 secs to 14 mins. Adjust the timer switch anti-clockwise to the minimum position then the fitting will activate and last 4 secs before turn off. Adjust the timer switch clockwise to the maximum position then the fitting will activate and last 14 mins before turn off.

LUX LEVEL: The lux control module has a built-in sensing device (photocell) that detects daylight and darkness. Adjust the lux-level switch anti-clockwise to the maximum position then the fitting will work at both day and night. Adjust the lux-level switch clockwise to the minimum position then it 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.

Safety Tips

- Always ensure the power is OFF and the fitting has cooled down before performing any maintenance, cleaning, changing the globe or making any adjustment to the fitting.
- To avoid injury or damage to the fitting, ensure that power leads and screws are secure before connecting the power.
- The fitting must not be used if the shade has been cracked.
- The LEDs are not replaceable and there are no serviceable parts, do not attempt to dismantle or open the product.
- Ensure that the fitting does not come in contact with corrosive chemicals/solvents or abrasive cleaners etc.
- To clean, wipe with a damp clean cloth. Do NOT soak or immerse the product in water or other liquids.

Specifications

SKU #	231080	231081
Colour	White	Sandy Anthracite
Rated Voltage	220-240V~ 50Hz	
Rated Wattage	15W	
IP Rating	IP 65	
LED Specs	950 Lumens, 3000K, CRI:80, Non-dimmable	
PIR Sensor	Detection range & angle: Max.10M, 120° Required installation height: 1.5 – 2.5M Lux & Time adjustment: 4 – 1000lux, 4s – 14min	
Weight	1.1kg	
Dimensions	H:95mm W:130mm Ext:144 mm	