ALERT

SKU# 240727, 240728

Rated Voltage 220-240V~ 50Hz

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

Warranty

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

Installation requirements

- Must be installed by a licensed electrician.
- All wiring and installation of the light fitting must adhere to local and national wiring rules.
  eg. AS/NZS 3000:2007/Amendment 2:2012 Electrical installations.
- Select a suitable location for installation;
  - This product is suitable for indoor and outdoor use.
  - The mounting point must support 2 times the weight of the fitting.
  - This fitting is protected against water penetration to IP44 standards, which is splashing in every direction.
  - This fitting must not be mounted on a surface which can be subject to vibrations.
  - Take note of the directional marking on the fitting before installation.
- 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 fitting 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.

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 1.8m to 2.5m above the detection area (figure 1).
- The detection area is approximately 8 metres away at an angle of 100° 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 (figure 2).
- The sensor has reduced sensitivity with movement towards and away from the detection area (figure 3).
- 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.
- Also avoid areas with electromagnetic disturbance, outside lighting, moving cars, trees or pets 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.

FIGURE 1

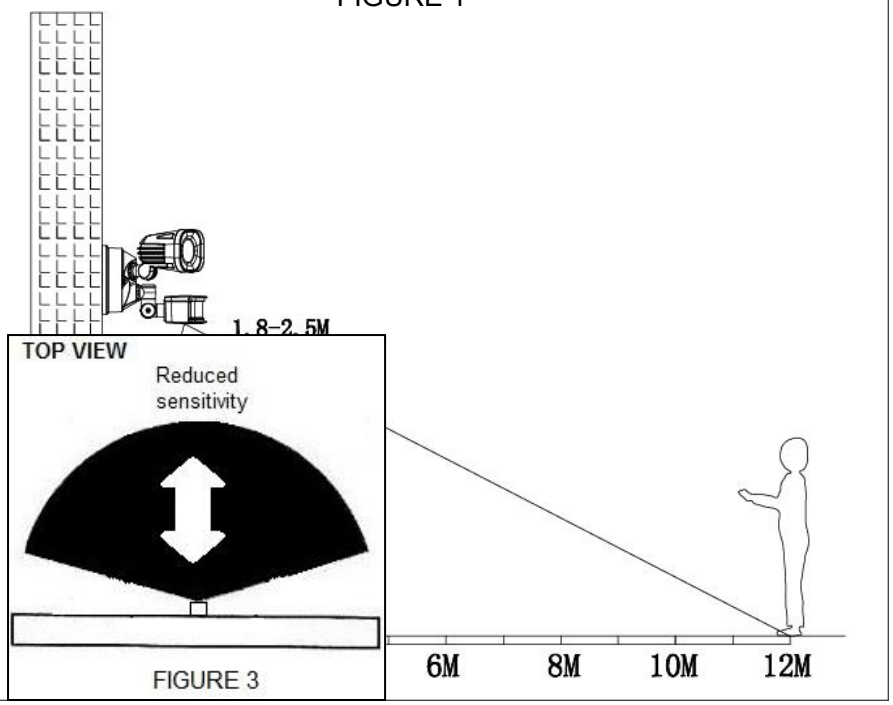


FIGURE 3

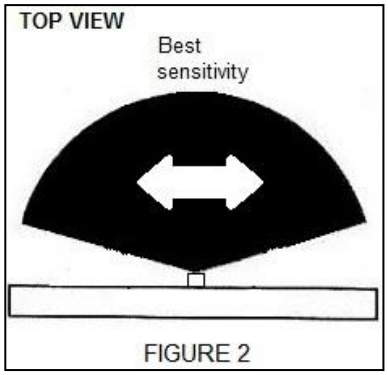


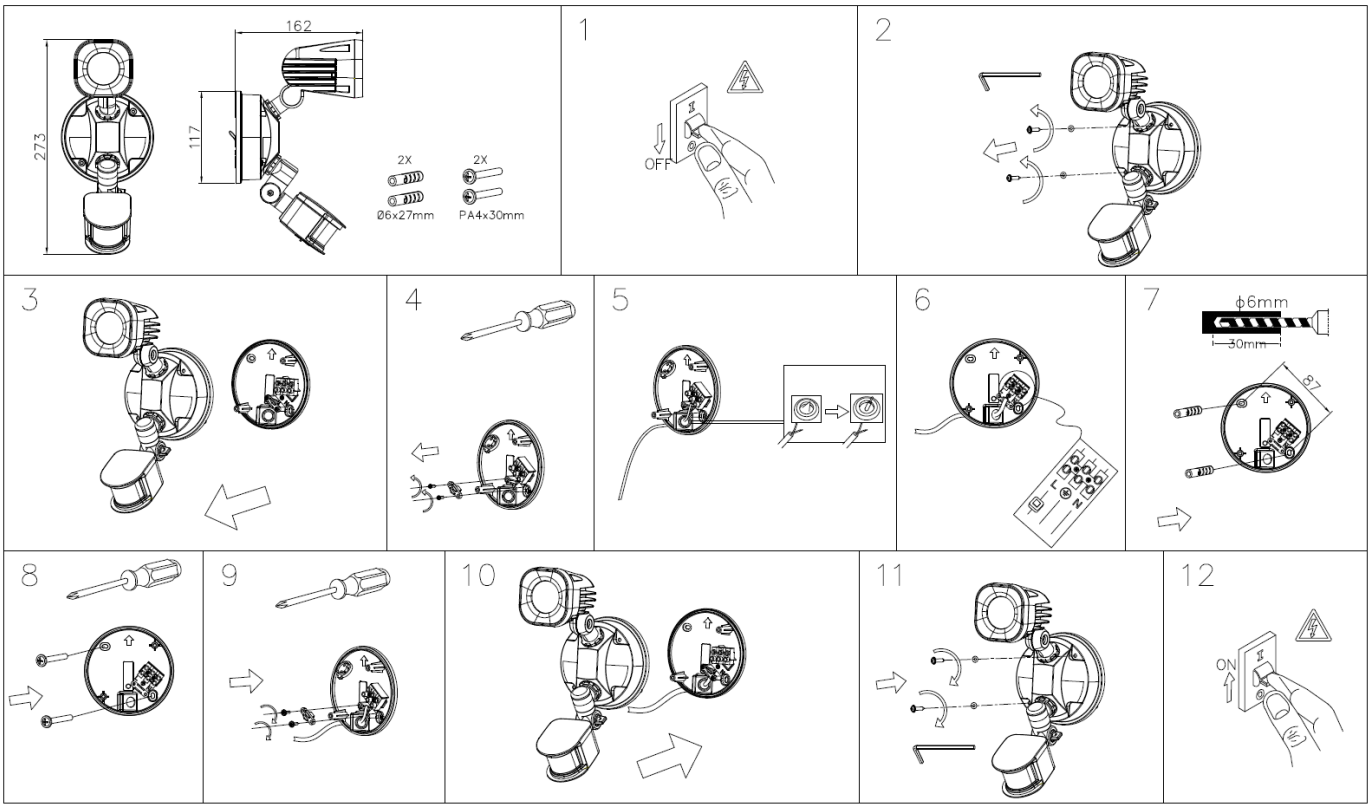
FIGURE 2

Installation directions

1. Ensure power to the circuit you are working on has been switched OFF before commencing any electrical work.
2. Remove the mounting bracket from the body of the fitting by loosening the screw using an allen key.
3. Use the mounting bracket as a template to mark the screw positions onto the wall.
   Drill holes into the wall and push the plastic anchors into the holes.
4. Loosen the cord anchorage near the terminal block.
5. Push the mains supply wire through the cord entry point on the mounting bracket. Depending on the installation location, additional silicon may need to be added to maintain the IP44 rating of the fitting.
6. Connect the mains supply wire to the terminal block provided. Ensure that the wires are secure and no bare wires are exposed.

Mains Supply Wire	**Wiring Label**
Earth – Yellow/Green	Yellow/Green ⏚
Neutral – Blue or Black	N (Neutral)
Live – Brown or Red	L (Live)

7. Install the mounting bracket onto the wall by using appropriately sized mounting screws, plastic washers and anchors.
8. Ensure the screws, plastic washers and anchors used are suitable for the mounting surface.
9. Place the mains supply wire in the cord anchorage system and secure by tightening the screws again.
10. Install the fitting back onto the mounting bracket.
11. Tighten the two screws using an allen key.
    Adjust the LED heads and PIR sensor to the desired position.
12. Switch the power to circuit back ON only after all electrical work has been fully completed and the fitting is fully assembled and is ready to use for the first time.

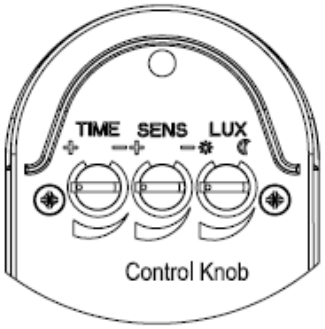


SENSOR SETTINGS:

DURATION TIME: The length of time the light will remain switched on after activation can be adjusted from 10secs ±5 to 4mins ±1. Rotating the time from (+) to (-) will reduce the duration time.

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

ADJUSTING THE SENSITIVITY: The sensitivity means the maximum distance which PIR Sensor can be triggered by movement body. Turning the SENS knob **+ to -** will decrease the sensitivity.



LUX LEVEL: The lux control module has a built-in sensing device (photocell) that detects daylight and darkness. The (☀) position means that the fitting 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.

SENSOR TESTING:

1. Put the LUX control knob to the light (☀) position and the TIME control knob to minimum (-). Turn the wall switch on and the light will turn on and remain on for about 50 seconds for the “warm-up” mode. After this initial “warm up” mode the light will turn off and the fitting will be in AUTO MODE.
2. Direct the sensor toward the desired area to be scanned by twisting the sensor left and right.
3. Have someone walk across the centre of the area to be scanned and slowly adjust the angle of the sensor until the fitting can sense the moving person and causes the light to switch on.
4. Adjust the TIME control knob to the desired length of time for the fitting to remain on.
5. Adjust the LUX control knob to achieve the ideal ambient light for the fitting to switch “on”.
   For the fitting to switch ‘on’ when the ambient light is darker, switch the LUX control knob from (☀) to (☽).
   For the fitting to switch ‘on’ when the ambient light is brighter, switch the LUX control knob from (☽) to (☀).
   You may need to make further adjustments to achieve your ideal light level setting.

MANUAL MODE: (Sensor Override Function)

Manual mode is used when you want the LED lights to be constantly on. The PIR sensor will be disabled and not affected by the duration time and lux level settings. The maximum duration for manual mode is 8 hours.

1. During normal use the wall switch is in the ON position and the fitting is in AUTO MODE with the PIR sensor detecting any movement and the LED lights will switch on and off accordingly.
2. To switch into MANUAL MODE, turn the wall switch off and on twice within three seconds.
   Wall switch action: OFF → ON → OFF → ON.
   Wait for 3 seconds and the LED lights will turn on and the fitting will be in MANUAL MODE.
   NOTE: If the wall switch action is done only once or more than twice, the fitting will not enter into MANUAL MODE.
3. To change back to AUTO MODE, turn the wall switch off and on twice within three seconds.
   Wall switch action: OFF → ON → OFF → ON.

NOTE: During MANUAL MODE or AUTO MODE, by switching off the wall switch for about 15 seconds this will reset the sensor mode.

Turn the wall switch on again and the PIR sensor will enter into the “warm-up” mode and the LED lights will remain on for about for 50 seconds. After this the LED lights will turn off and the fitting will be in AUTO MODE.

Trouble shooting

PROBLEM	POSSIBLE CAUSE	SUGGESTED SOLUTION
Light does not switch on when there is movement in the detection area.	No mains voltage.	Check all connections, fuses, switches.
	Nearby lighting is too bright.	Redirect sensor or relocate the unit.
	Controls set incorrectly.	Readjust sensor angle or control knob.
Light switches on for no apparent reason (false trigger)	Heat sources such as air-con, Vents, heater flues, barbecues, other outside lighting, moving cars are activating sensor.	Adjust direction of sensor head away from these sources.
	Animals, birds, possums, pets etc.	Redirecting sensor head may help.
	Reflection from a swimming pool or another reflective surface.	Redirect sensor.
Light remains on.	Continuously false triggered.	Redirecting sensor head may help.
	Time control is set too long.	Reduce time.
Light switches on during daylight hours.	LUX control knob is set to daylight position.	Turn the LUX control knob to desired light level setting.
When setting controls in daylight the detection distance becomes shorter.	Interference by sunlight.	Re-test at night.

Safety tips

- Always ensure the power is OFF and the fitting has cooled down before performing any maintenance, cleaning 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.
- Select a suitable location away from liquids and hazards.
- Ensure that the fitting does not come in contact with corrosive chemicals, etc.
- To clean, wipe with a damp clean cloth. Never soak the fitting with water.

Specifications

SKU #	240727	240728
Colour	Black	White
Rated Voltage	220-240V~ 50Hz	
Rated Wattage	12W	
LED	4000K, 600lm	
Weight	0.61kg	
Dimensions	E:190mm W:210mm H:340mm	
IP Rating	IP44	