

TIME LED®

Piazza GU10 Up/Down PIR Spotlight

Installation and Operating Instructions



Please read and follow the instructions before operating your light and save this manual for future reference.

Package includes:

1 x GU10 Up/Down Spotlight (16cm)

1 x Manual

*LAMP NOT INCLUDED

Safety:

- Before installation or maintenance, isolate the main electrical supply for the appropriate circuit at the fuse board.
- Check that the total load on the circuit (including when this luminaire is fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker.
- This luminaire is not suitable for bathroom areas of high steam or heat.
- The light should be mounted onto a secure surface.
- The entire unit may get hot whilst on for a period of time.
- This product is IP54 rated and suitable for external applications.

INS-312021_312038-V1

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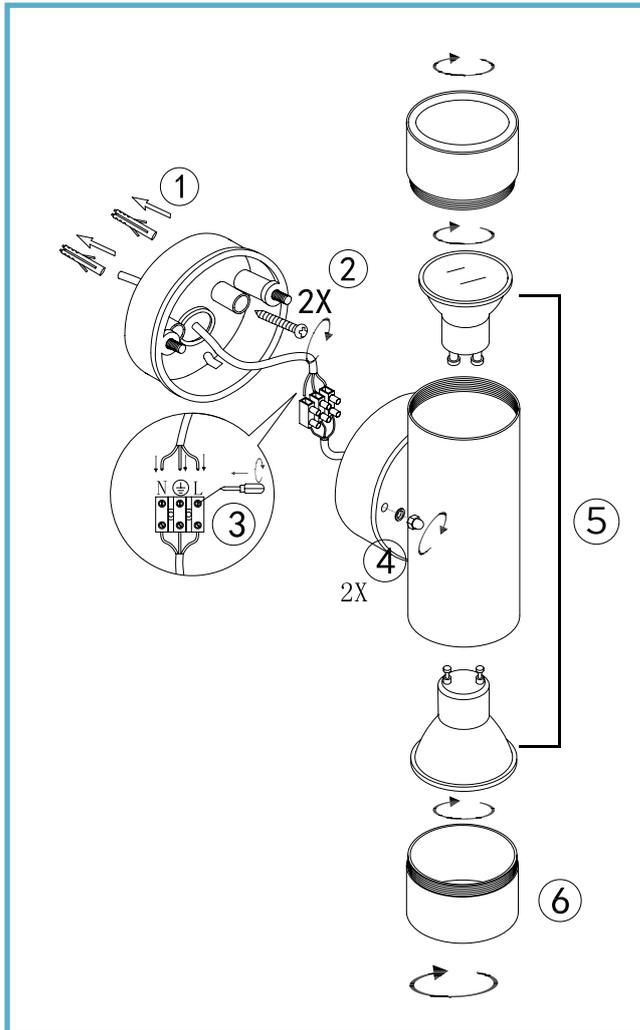


Product Code	312021-312038
Wattage	2x 35W Max
Diameter/Length	155mm
Depth/Width	85mm
Height	93mm
Material	201 Stainless Steel

Voltage/Hertz	220-240V
Lifespan	20,000hrs
Warranty	2 years
IP Rating	IP54
Input	50/60Hz

Instructions for new installations:

- 1) Remove mounting box from the product and attach safely to a wall using the screws provided (1,2).
- 2) Correctly identify the wires and connect to the block inside the product (3), ensuring the connections are tight and no loose strands have been left out of the connection block.
- 3) Fit the product back onto the mounting box and refit washers and dome nuts (4), tighten to secure.
- 4) Insert a GU10 lamp into each fitting (5).
- 5) Screw the units back over the GU10 lamps (6), ensure all fixings are tight to maintain IP protection.



Cleaning:

- Do not use any chemical or abrasive cleaners.
- Clean product with only a soft dry cloth.
- Do not use high pressure washers to clean.

Warning:

- This product is not a toy and contains small parts.
- This product is unsuitable for installation in or near coastal and marine environments.

Warranty:

- This product is warranted to be free of defects in materials, design and workmanship for 2 years from the date of purchase (conditions apply, please see TIME LED website for further details). If a suspected fault should develop in this time, please contact us via the address on the front.

Recycling Advice:

Waste Electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

Instructions for sensor:

The PIR (Passive Infra-Red) SENSOR has a sensing device that continuously scans a preset operating zone and immediately switches the lamp on when it detects movement in that area. This means that whenever motion is detected within the range of the sensor, the lamp will switch on automatically to illuminate pathways, steps, patios, porches, or whatever area you have selected to light for reason of safety, convenience or security. Whilst there is movement within range of the unit the lamp will remain on.

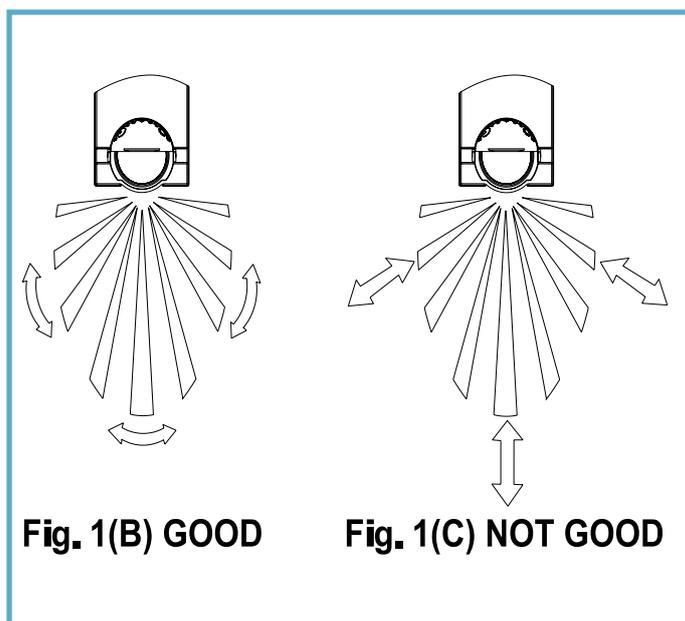
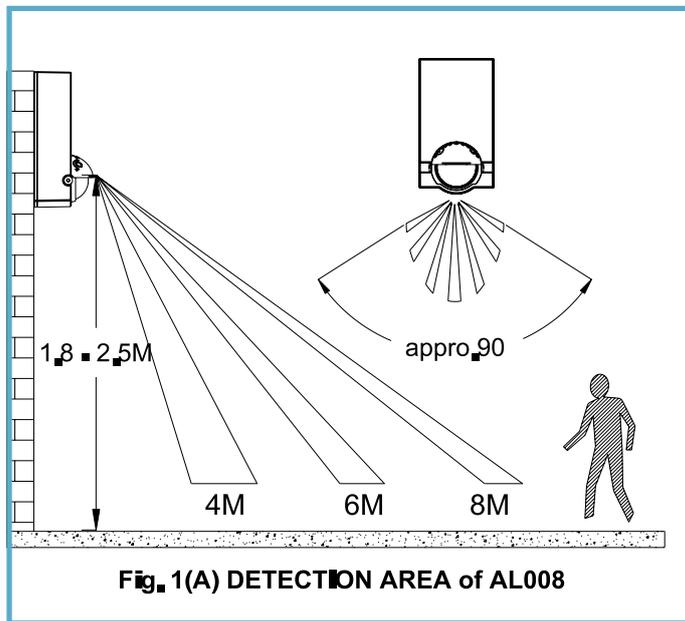
How to fit the unit

- To achieve the best results, we suggest you take into account the following points: Ideally, the PIR SENSOR should be mounted 1.8 to 2.5 meters (6 to 8ft) above the area to be scanned (Refer to Fig.1A).
- To avoid damage to unit-do not aim the sensor towards the sun.
- To avoid nuisance triggering, the sensor should

should be directed away from heat sources such as barbecues, Air-conditioners, other outside lighting, moving cars and flue vents.

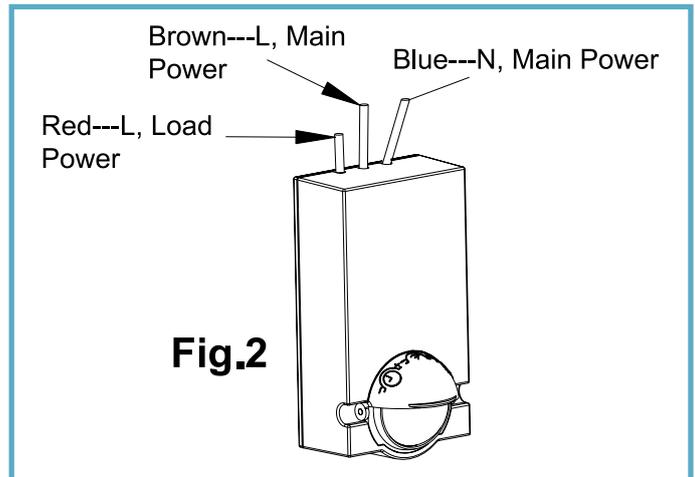
- To avoid nuisance triggering, keep away from the area of strong electromagnetic disturbance.

- Do not aim toward reflective surfaces such as smooth white walls, swimming pools, etc. The PIR Sensor scanning specifications (the distance and angle it covers - at 20°C and dry weather) may vary slightly depending on the mounting height and location. The detection range of the unit may also alter with temperature change. Before selecting a place to install your lamp(s), you should note that movement across the scan area is more effective than movement directly toward or away from the sensor. (Refer to Fig.1B). If movement is made walking directly towards or away from the sensor and not across, the apparent detection range will be substantially reduced. (refer to Fig. 1C)



Wiring the unit and installation:

Before commencing any electrical work, ensure mains supply cables are isolated by switching off and removing the relevant fuse. Connect Power Cable and load Lamp wires to the terminal block as relative symbol as Fig.2



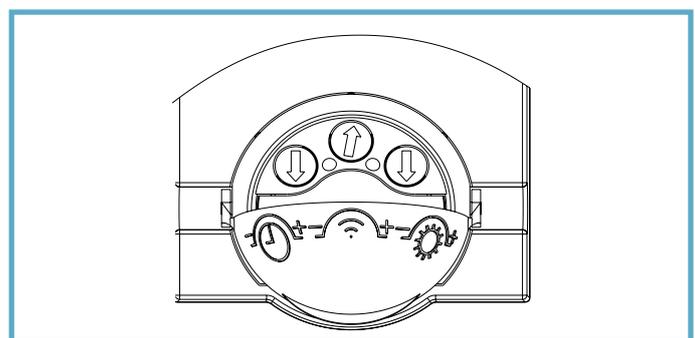
Understanding the Control:

The duration time: The length of time that remains switched on after activation is adjustable from (1035) seconds up to (431) minutes. Note: Once the lamp has been triggered by the PIR sensor any subsequent detection will start the timed period again from the beginning.

The Lux Control Level:

The Lux control module has a built-in sensing device (PHOTODIODE) that detects daylight and darkness. The LUX CONTROL LEVEL is adjustable from daylight to night; it means that the lamp can be turned on after activation in daylight or at night according to your setting.

The sensitivity level: The sensitivity determines the max. detection range that the sensor covers. For the model: AL008, you can adjust the knob of "sens" for this function. At the max. position, the sensor's detection range will be max. 8 meter.



Note to user:

- 1) The lamp will be turned on when power is on, and then the PIR sensor will enter into the period of "Warm-up".
- 2) The LUX CONTROL (PHOTODIODE input) is ignored when the lamp is on, and any subsequent detection will start the timed period again from the beginning.
- 3) If you want to decide the detection area of PIR SENSOR by Walking-Test, please adjust the LUX knob to daylight position.

Troubleshooting and user hints

Problem	Possible Cause	Suggested Resolution
Light does not switch on when there is movement in the detection area.	<ol style="list-style-type: none"> 1. No mains voltage. 2. Bulb faulty or missing 3. Nearby lighting is too bright 4. Sensor positioned in the wrong direction. 	<ol style="list-style-type: none"> 1. Check all connections, and Fuses/ switches. 2. Check and replace if necessary. 3. Redirect the sensor or relocate the lamp. 4. Redirect the sensor.
Light switches on for no apparent reason (false trigger)	<ol style="list-style-type: none"> 1. Heat sources such as air-con, Vents, heater flues, barbecues, other outside lighting, and moving cars are activating the sensor. 2. Animals/birds e.g. foxes or domestic animals. 3. Interference from on/off switching of electric fans or lights on the same circuit as your lamp. (This problem does not always occur but a faulty switch or noisy fluorescent light may cause the sensor to false active). 4. Reflection from a swimming pool, or reflective surface. 5. Nearby the field of strong electromagnetic disturbance. 	<ol style="list-style-type: none"> 1. Redirect the sensor away from these sources. 2. Redirecting the sensor may help. 3. Should the false triggering become troublesome, consider: <ol style="list-style-type: none"> (a) Replacing a faulty switch. (b) Replacing noisy fluorescent tubes and/or starters. (c) Connecting the light to a separate circuit (in most cases where one or more of the above suggestions have been carried out, false triggering has been reduced). 4. Redirect the sensor. 5. Relocate the lamp.
The light remains on	<ol style="list-style-type: none"> 1. Continuously false triggered, see above mentioned. 	<ol style="list-style-type: none"> 1. Redirecting the sensor may help.
Light switches on during daylight hours	<ol style="list-style-type: none"> 1. Shadow the PIR sensor 	<ol style="list-style-type: none"> 1. Redirecting the sensor may help.
The detection distance becomes shorter.	<ol style="list-style-type: none"> 1. Dirty LENS of the PIR sensor. 2. Warm and wet environment. 	<ol style="list-style-type: none"> 1. Cleaning the LENS use a soft cloth soaked with water, and do not scratch the LENS. 2. Note: All passive infrared detectors are more sensitive in cold and dry weather than in warm and wet weather.

Full technical specification available upon request. Contact info@TIMELED.co.uk for PDF.