RECESSED MINI LIGHTING SENSOR

LUMIO

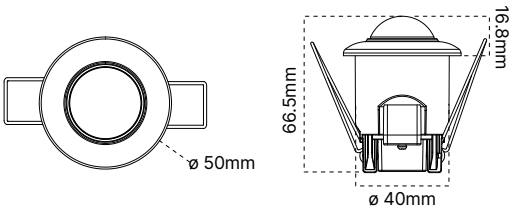
Small Recessed PIR Sensor

SAFETY INFORMATION

Read instructions carefully before installation. Failure to follow instructions may result in electric shock, fire and/or serious injury.

- Luminaires must be installed and fitted by a qualified electrician ensuring the installation complies to the current wiring regulations.
- Disconnect power source before installation.
- No user serviceable / replaceable parts inside.
- Do not attempt to service other parts of the unit as this will void the warranty.
- Sensor must be installed above 1.5m.
- Cover or shield any adjacent live components.
- Ensure the device cannot be switched on during installation.
- Do not attempt to install if the unit or cord is damaged - return to retailer for replacement.
- Avoid mounting near heat sources such as heating vents or air conditioning units.
- WARNING: CAUTION - RISK OF ELECTRICAL SHOCK

Product Dimensions



Product Specifications

Sensors	PIR, ambient light
Supply voltage	220-240V ~ 50 Hz
Output load	800W incandescent 400W inductive 200W LED
Operating temperature	-20 to 25°C
Field of view	360°
Detection range	Max. 6 m (< 24 °C)
Detection motion speed	0.6 - 1.5 m/s
Time delay	Min. 10 sec ± 3 sec Max. 15 min ± 2 min
Ambient light	< 3 - 2000 lux (adjustable)
Ingress protection	IP20
Material	PC UV stabilised

Product Range

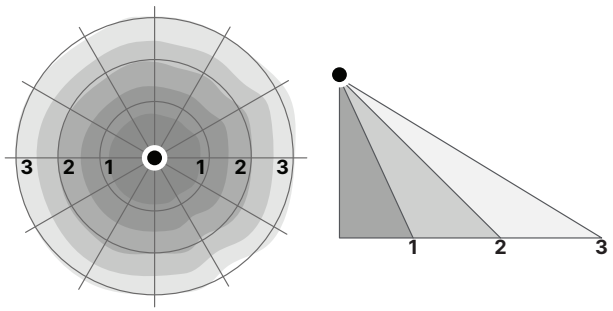
Code	SKU	Size
1128245	14900	Small

Mounting Specifications

Mounting options	Recessed mount
Installation height	2.2 - 4 m
Cutout	ø40 mm
Dimensions	ø50 / 66.5 mm

Detection Range

Detection Zone	Range ø	Height
Max	6 m	2.7 m

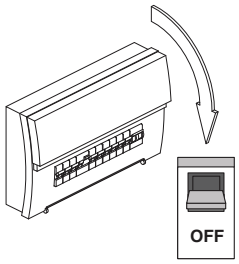


Installation Steps

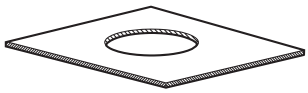
Remove the product from the box and inspect it for any damage. If the product is satisfactory, proceed with the installation.

1. Turn off mains power at the switchboard.
2. Create cutout in ceiling of 40mm diameter.
3. Remove the transparent cover by removing screw from the base to access the terminal block.
4. Feed the mains cable through the strain relief and connect the mains cable into the terminal block.
5. Reattach the transparent cover to the sensor.
6. Insert the sensor into the ceiling cut-out and secure using the spring clips.
7. Restore power at the switchboard and test sensor operation.

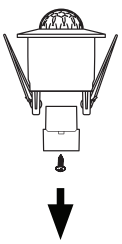
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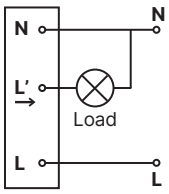
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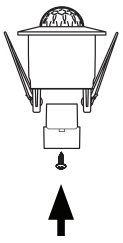
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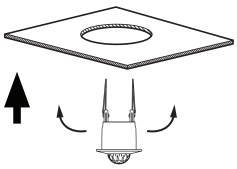
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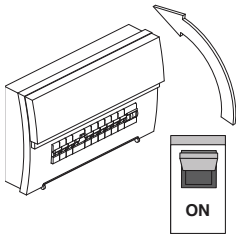
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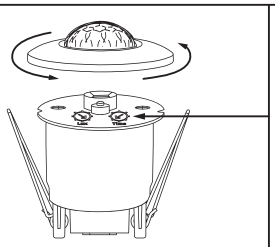


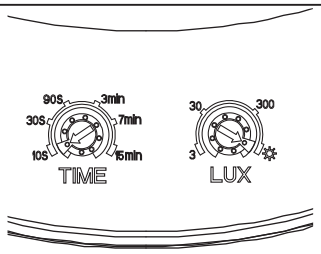
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Adjusting the Controls

1. Set the Lux control knob to light (*) position, turn on the wall switch and wait 30 seconds for the control circuit to stabilize. At this stage ensure that the TIME control knob is set at minimum duration. The output will now switch on and remain on for about 10 seconds.
2. Have another person move across the center of the area to be scanned until the unit sensors the presence of the moving person, causing the output to switch on.
3. Adjust time control to required setting.
4. To set the light level at which the lights will automatically switch “ON” at night, turn the LUX control knob from (*) position to lowest lux position. If the lamps are required to switch on earlier, e. g. Dusk, wait for the desired light level, then slowly turn the LUX control knob towards daylight while someone walks across the center of the area to be detected. When the output on, release the LUX control knob. You may need to make further adjustments to achieve your ideal light level setting.





Hold time
10 sec
30 sec
90 sec
3 min
7 min
15 min

Adjusting the duration time:
The length of time that remains switched on after activation can be adjusted from (10±5) seconds to (15) minutes. Rotating the TIME knob + to - will reduce the duration time.

Note: Once the sensor has been triggered any subsequent detection will start the timed period again from the beginning.

Lux operation
3lx darkness operation only
30lx darkness operation only
300lx twilight operation
daylight sensor disabled

Adjusting the LUX control level:
The Lux control module has a built-in sensing device (photocell) that detects daylight & darkness.
The (✲) position denotes that the sensor can work at day and night, and the (3) position only work at night. You can set to operate the unit at the desired level by adjusting the LUX knob.

Troubleshooting

Problem	Possible Cause	Suggested Remedy
Output does not switch on when there is movement in the detection area.	• No mains voltage • Nearby lighting is too bright • Controls set incorrectly	• Check all connections, and fuses switches • Reposition sensor or relocate the unit • Reposition sensor controls
Output 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 • Interference from ON/ OFF switching of electric fans or lights on the same circuit as your output (this problem does not always occur but a faulty switch or noisy fluorescent light may cause the output to switch on) • Reflection from swimming pool, or reflective surface	• Reposition sensor • Should the false triggering become troublesome, consider: a) Replacing a faulty switch b) Replacing noisy fluorescent, tubes and/or starters c) Connecting the sensor to a separate circuit Note: In most cases where one or more of the above suggestions have been carried out, false triggering has been reduced • Reposition sensor
Output remains on	• Continuously false triggered • Time is set too long.	• Repositioning the sensor may help • Reduce time
Output switches on during daylight hours	• LUX control knob is set to daylight position	• Turn the LUX control knob to desired light level setting
Shorter detection distance in daylight settings	• Interference by sunlight	• Re-test at night

Warranty

This gives you benefits that are additional to other rights and remedies that you may have pursuant to other laws relating to the Lumio lighting products. Those laws include the Australian Consumer Law and the New Zealand Consumer Law.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law or the New Zealand Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or warranty replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Nothing in this warranty is to be interpreted as excluding, restricting or modifying any law or statute applicable to the supply of Lumio products which cannot be excluded, restricted or modified by the Australian Consumer Law or the New Zealand Consumer Law (where applicable).

If you think your Lumio product is defective, you can choose to make a claim under:
1. The Australian Consumer Law in Australia;
2. The New Zealand Consumer Law in New Zealand; and/or
3. This warranty, as may be applicable.

Subject to the terms of this contractual warranty, if your Lumio products are defective, we will (at our election) repair or replace the Lumio products. Once we make this election (and take the relevant action), we will have honoured our obligations under this contractual warranty.

Our total liability under this warranty is limited to the cost of repair or replacement of the defective product (at our election). We otherwise exclude all liability in relation to the product to the fullest extent permitted by law (noting our comments above regarding the Australian Consumer Law and any other rights or remedies you may have).

Lumio warrants that it will remedy premature product failure and defects caused by faulty materials or workmanship in Lumio lighting products as follows:

Product Type	Warranty	Remedy
General Lighting (unless otherwise stated)	3Yr	Lumio products labelled ‘return to base’ are remedied at our own premises (or agent’s premises). This means that you are responsible for returning the Product to us for repair, replacement or refund, and collecting the Lumio product from us once it has been repaired or replaced (at our discretion).
Emergency Lighting & Exits	3Yr	
Accessories and Batteries	1Yr	

All warranty periods apply from date of purchase. Date of purchase means the date that you purchased the Lumio product from a Lumio authorised retailer, unless marked otherwise.

For this warranty to apply, you must:

a. Have purchase the Lun Have purchased the Lumio product from an authorised retailer in Australia or New Zealand;
b. Follow the manufacturer's instructions applicable to the Lumio products;
c. Follow the Industry Standards for installation and usage applicable to the Lumio products (if any);
d. Follow any other written or verbal instructions for installation, operation, care, repair and maintenance of the Lumio products. Those directions may be supplied with the Lumio products, printed on the labels, packaging or operation manuals, published on the Lumio website or otherwise published from time to time; and
e. Follow the claims procedure for making a warranty claim as outlined in this document

Within 7 days of any defect arising (or the day that you should have reasonably become aware of the defect), you must either return the defective goods to the point of sale for refund, or notify Lumio of the defect in writing through our claims processes.

What must be included in the warranty claim:

- proof of purchase (if available) date and place of purchase
- the item number/ code of the returned product and the number of items claimed
- the reason for the claim and written description of the defect (including photographs where reasonably possible)
- any information provided by the customer
- your written assurance that the Lumio products have not been:
  - incorrectly assembled or installed;
  - incorrectly operated or used or maintained;
  - incorrectly repaired or modified;
  - exposed to abnormal conditions; or
  - damaged by you (due to negligence or otherwise)
- request for labour allowance rates (if applicable)

To lodge a warranty claim, please visit our website at lumio.com.au/warranty

Alternatively you can make a claim directly via email at **sales@lumio.com.au** or telephone **1300 438 658**.

Once we receive your warranty claim, we will contact you within 2 working days.

This warranty does not apply to loss or damage caused by wear and tear, misuse, incorrect installation or operation, failure to clean and maintain, incorrect voltage or non-authorised electrical connections, adverse external conditions (such as power surges and dips, acts of God, exposure to heat, corrosion, insect or vermin infestation), use of non-authorised or defective parts or globes, or to items that have been repaired by a person other than us or a repairer approved by us.

V1.2

Images are for illustrative purposes only.
Due to changes in industry standards and continual product development, product specifications are subject to change without notice.

For sales and product information telephone
Customer Service: 1300 438 658
New Zealand: 0800 235 867

Website: lumio.com.au