

MOTION DETECTOR 180° PIR

L180B-01 & L180B-04

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES.

! Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician

Note:

Product technical information and specification may change over time without prior notification. For the latest technical information please visit our web site www.ledgrouprobust.com.au

-5°C < Ta < +40°C, 220-240V~50/60Hz, Class II, IP44

Rated load: Max. 1000W for Incandescent, Max.300W for Fluorescent, Max. 150W for LED

Suitable for mounting on a normally flammable surface.

Mounting Height: 2.5m

Detection Range: 180° detection angle, 12m Range

Lux Level Adjustment: Daylight to night adjustable

Time Delay: 10 (±5) Seconds - 4 (±1) Minutes

Installation

1. Ensure mains supply is switched off before commencing work.
2. Choose suitable location for mounting the sensor, mounting height is 2m to 2.5m above floor level.
3. When cutting or drilling holes ensure the hole do not impinge on joists, pipe work, cables or other building services.
Avoid: positions close to exhaust gas flues, heat extraction vents, or heat sources to avoid false triggering. Avoid positions near bright lights which may prevent operation when Lux level set for night operation.
4. Remove screw from the bottom of the sensor and remove base.
4. Make hole in the seal and introduce supply cables. If required use cable grip.
5. Mount base on the wall.
6. Connect cables: Supply Live to L (Brown), Neutrals to N (Blue) and Live to Circuit LOut.
7. Connect sensor to base, insert screw and ensure it is secure.
8. Switch on supply.

Function

Walk testing can then be carried out to determine detection area with slow walking pace. Set time to minimum and Lux control to the Sun position. When the sensor detects movement, the load will be switched on. When finished adjust Lux and time to desired settings. Turning the Lux control toward the moon position will stop switching action during bright daylight (energy saving). To increase on time, turn time control clockwise, max time delay 4 minutes. Note: When sensor has been triggered, subsequent detection restarts timing period, light stay on until set time elapses after last activation.

Manual Override Function

The PIR can be permanently on for 8 hours. Using switch on the wall perform 2 Off/ On Operations within 3 seconds, the light will stay on for 8 hours. In order, to revert to AUTO detect mode. Repeat the above process: Perform 2 Off/ On operations within 3 seconds, the light will turn off (AUTO). When in Auto mode or in Manual mode, switch off for 10sec and then turn on, the PIR will reset to "warming-up" period.

The Installation must be carried out by a qualified electrician

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