

### PROTON 180 DEGREE IP54 PIR, WHITE, COMPLETE WITH ACCESSORY SHIELD TO REDUCE DETECTION ANGLE, MANUAL OVERRIDE

RPR180PIR-01 RPR180PIR-04

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**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.ledgrouprobus.com.au](http://www.ledgrouprobus.com.au)**

-20°C < Ta < +40°C, 220-240V~50/60Hz, Class II, IP54  
Rated load:  
Incandescent: Max. 1200W, Fluorescent / LED: Max. 300W  
Mounting Height: 1.8m to 2.5m  
Detection Range: 12m

Lux Level Adjustment: 3-2,000 Lux  
Time Delay: 10 (±3) Seconds - 15 (±2) Minutes  
Suitable for mounting on a normally flammable surface.

### Installation

1. Ensure mains supply is switched off before commencing work.
2. Select suitable location for mounting the sensor.
3. Remove the screw and then remove back plate.
4. Introduce cables.
5. Mark appropriate fixing hole positions on the wall, check location of buried cables, pipes and other building services before drilling.
6. Attach plate to the wall using screws provided, ensure it is secure. When corner mounting please see pictogram 3.
7. Connect the cables as per figure 5. Live In (Brown) to L, Live Out (Brown) to L' and Neutrals to N.
8. Attach sensor to back plate, ensure it is secure .
9. Adjust the angle of sensor and sensor settings.

### Test:

Walk testing can be carried out to determine detection area with slow walking pace. When the sensor detects movement, the load will be switched on for the pre-set time. For the walk test turn Lux control toward the Sun position (Max) and set time delay to 10s. When finished, set controls to desired levels. Note: Once sensor has been triggered, subsequent detection restarts timing period from beginning, so light stays on until set time elapses after last triggering.

### ADJUSTING THE LUX CONTROL LEVEL:

The Sun position (2000 Lux) denotes that when there is movement the load will be switched on during the day and at night. The minimum Lux setting 3 Lux means that the load will be turned on by sensor only at night. Lux settings can be adjusted from 3 – 2000 Lux by rotating the dial.

### ADJUSTING THE TIME DELAY:

The Time Delay is “the length of time that the sensor switches the load ‘on’ after activation”. The duration time can be adjusted from 10 (±3) seconds to 15 (±2) minutes.

### Manual Override Function

The PIR can be on permanently for 8 hours. Using the switch on the wall perform 2 Off/ On, Operations within 4 seconds, the light will stay on for 8 hours. In order to revert to AUTO detect mode, turn the sensor off and then, the light will turn off (AUTO).

**The Installation must be carried out by a qualified electrician**

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