

PROTON MICROWAVE SENSOR

RPR200MW-01

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.robust.com.au

-20°C < Ta < +45°C, 220-240V~50/60Hz, Class II, IP20
 Rated load:
 Incandescent: Max. 800W, Fluorescent / LED: Max. 400W
 Mounting Height: 3-6m
 Detection Range: Max.8-12m

Lux Level Adjustment: 2 - 50 Lux
 Time Delay: 5 (±3) Seconds - 30 (±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 or luminaires for mounting the sensor.
3. Attach sensor to the luminaire.
4. Connect supply cables to the terminal of sensor: Live (Brown) to L, Neutral (Blue) to N.
5. Connect output cables sensor terminals: Live Out (Brown) to L', Neutral (Blue) to N.
 Connect output cable from sensor to LED driver Live (Brown) to L, Neutral (Blue) to N.
6. It is not possible to have more than one microwave sensor on a circuit (no parallel sensor to sensor wiring).

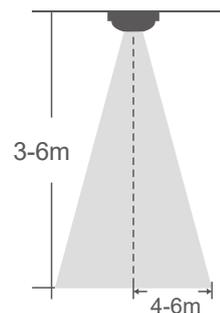
Test:

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.

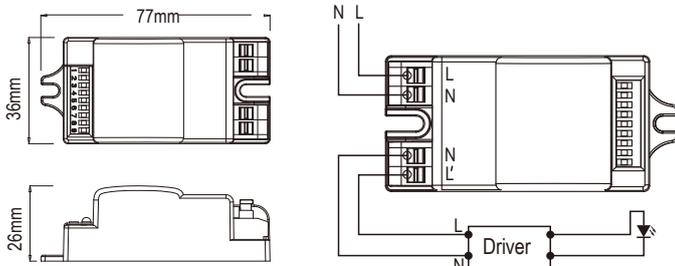
Setting sensor table

Detection Area				Hold time				Daylight sensor			
ON	1	2	3	4	5	6		7	8	9	
ON	ON	ON	100%	ON	ON	ON	5S	ON	ON	ON	2Lux
—	ON	ON	75%	—	ON	ON	30S	ON	ON	—	10Lux
ON	—	ON	50%	ON	—	ON	90S	—	ON	—	25Lux
—	—	ON	25%	ON	ON	—	3min	ON	—	—	50Lux
—	—	—	10%	—	—	—	20min	—	—	—	Disable
—	—	—		—	—	—	30min	—	—	—	

Detection Pattern (Max)



Dimension:



The Installation must be carried out by a qualified electrician

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