

THORN

PORTO LED



IP54  

Installation and wiring instructions

Please read these instructions carefully before installation or lamp replacement. Warranty of this product is subject to installation and maintenance being carried using appropriate conventional practices and/or any specific instructions enclosed within.

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These luminaires are designed to comply with AS/NZS60598 and installed in accordance with AS/NZS3000.

Disconnect mains supply before installing, servicing or maintaining the luminaire.

Ensure that the rated voltage and frequency of the luminaire is compatible with the electrical supply.

Unless otherwise indicated on labelling this fitting is suitable for normal ambient temperature conditions of 25°C.

Thorn conditions of sale including warranty are subject to installation being carried by qualified tradespersons in accordance with local wiring regulations and/or any specific instructions enclosed within.

Classification for protection against electric shock - This luminaire has Class 1 metalwork and must be earthed.

This product may contain non serviceable componentry, including LED's or external cabling that requires specialised service practices. In the unlikely event of premature failure please return this product to Thorn Lighting or an approved service agent.

The right is reserved to change the design and/or specification without prior notice or public announcement.

Installation and usage

This product contains electronic componentry, handle with care.

Check contents on opening ensure the product is in good condition before installation. If applicable, adjust the pre-set installed Microwave sensor using the following (→ indicates pre-set values)

1 detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely for each specific application.

	1	2	3	
I	●	●	●	100%
II	○	●	●	75%
III	●	○	●	50%
IV	●	●	○	30%
V	○	○	○	10%

I - maximum range 100%
 II - 75%
 III - 50%
 IV - 30%
 V - 10%

2 hold-time

Hold-time means the time period you would like to keep the lamp on 100% after the person has left the detection area.

	1	2	3	
I	●	●	●	5s
II	○	●	●	30s
III	●	○	●	180s
IV	○	○	●	300s
V	●	●	○	15min
VI	○	○	○	25min

I - Walk test mode 5s
 II - 30s
 III - 180s
 IV - 300s
 V - 15 minutes
 VI - 25 minutes

3 daylight sensor

The daylight threshold can be set on DIP switches, to fit for particular application.

	1	2	3	
I	●	●	●	2 Lux
II	○	●	●	5 Lux
III	●	○	●	20 Lux
IV	○	○	●	30 Lux
V	○	○	○	Disable

I - 2 lux darkness operation only
 II - 5 lux darkness operation only
 III - 20 lux twilight operation
 IV - 30 lux twilight operation
 V - *daylight, daylight sensor disabled

“daylight” : The lamp works always, even during daylight.
 “twilight” : The lamp works only in twilight and darkness.
 “darkness” : The lamp works only in darkness.

Connect MAINS cable as indicated, ie - L – Active,  - Earth, N – Neutral

Ensure supply cable is installed in accordance with the designated IP rating of this product

Ensure fixing screws are adjusted firmly, secure the diffuser retaining screws 4Nm max .

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