



INSTALLATION & MAINTENANCE MANUAL

**TORCWM4 / TORCWM5 / TORCWM6**

## GENERAL INSTRUCTIONS

**These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.**

**These instructions should be used to aid the installation of the following products:  
TORCWM4 / TORCWM5 / TORCWM6**

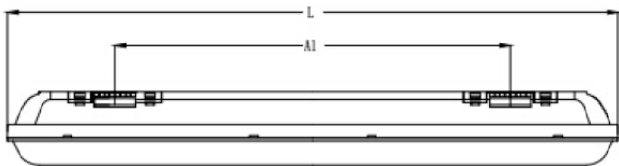
## SAFETY

- This product must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and current Building Regulations. If in any doubt, consult a qualified electrician
- Please isolate mains prior to installation or maintenance
- Check the total load on the circuit (including when this luminaire is fitted) does not exceed the rating of the circuit cable, fuse, or circuit breaker
- Please note the IP (Ingress Protection) rating of this product when deciding the location for installation
- This product is Class I and must be earthed
- This product is IP65 rated

## INSTALLATION

Note - Microwave sensors may not be suitable for all installations, for example, enclosed spaces, as they are able to detect movement through non-metallic surfaces like plasterboard and thin doors

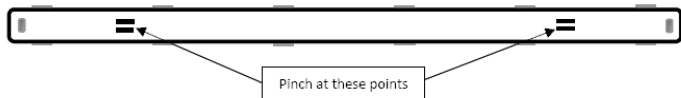
- Provide power to the required point of installation (refer to BS7671 for correct cabling methods). Suitable IP rated junction boxes should be used where required
- Round cable should be used for the mains supply. The use of a flat cable will cause water to ingress into the fitting
- Using the mounting bracket as a template, mark the location for, and drill the fixing holes ensuring not to infringe with any gas/water pipes or electrical cables. Fixing centres are shown in Fig. 1



**Fig. 1**

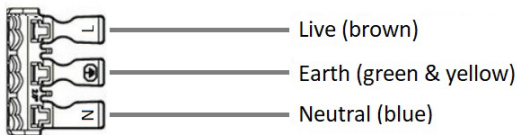
Product	Length (mm)	Length (ft)	Fixings centres (mm)
TORCWM4	1260	4	900
TORCWM5	1560	5	1000
TORCWM6	1820	6	1000

- Secure the brackets to the surface using suitable fixings
- Unfasten the clips on either side of the luminaire
- Remove the gear tray from the base by pinching the clips at the two locations (see Fig. 2)



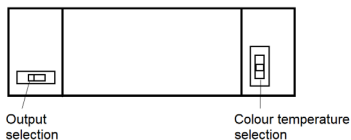
**Fig. 2**

- Feed the mains cable through the compression gland provided at the end of the luminaire
- Ensuring correct polarity is observed, carefully wire as shown in Fig. 3. Two cables can be inserted into the push-fit terminal block in order to achieve loop-in/loop-out wiring



**Fig. 3**

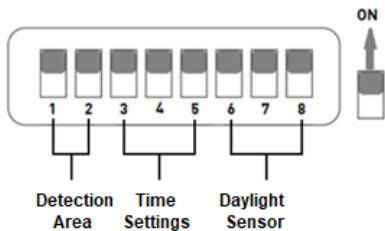
- Select the desired colour temperature via the 3-position switch and the wattage via the switch on the side of the driver (see Fig. 4)



**Fig. 4**

- Align the body with the mounting brackets and clip it into place
- Tighten the compression gland ensuring a tight seal is made
- Reattach the gear tray to the base
- Select the desired sensor settings
- Switch on and check for correct operation

## SENSOR DIP SWITCH LAYOUT



### Detection Range

- The detection range is the radius in which motion is detected. The below values are valid for an installation at a height of 2.5 metres

On ↑ 	1	2	
		<b>2m</b>	
		<b>5m</b>	
		<b>8m</b>	
		<b>10m</b>	

## Time Settings

- This is the time for which the luminaire stays on after motion has been detected. If a motion is detected before the end time, the timer will reset

<b>On</b> ↑ 	<b>3</b>	<b>4</b>	<b>5</b>	
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<b>10s</b>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<b>1min</b>
	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<b>5min</b>
	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<b>10min</b>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<b>15min</b>
	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<b>20min</b>
	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<b>25min</b>
	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<b>30min</b>

## Daylight Sensor

- When set to 24H, the sensor will switch on the luminaire regardless of the ambient light levels

<b>On</b> ↑ 	<b>6</b>	<b>7</b>	<b>8</b>	
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<b>24H</b>
	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<b>10lux</b>
	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<b>20lux</b>
	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<b>50lux</b>
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<b>100lux</b>
	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<b>200lux</b>
	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<b>300lux</b>
	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<b>500lux</b>

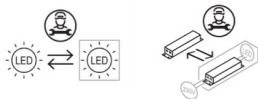
## WARNING

This product must be disconnected from the circuit if subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed.

## GENERAL

This product contains a light source of energy efficiency class C to Regulation (EU) No. 2019/2015 and (UK) 2021 No. 1095.

This product contains an LED light source which can be replaced by a professional and a control gear which can be replaced by a professional.



Clean the external surfaces with a damp cloth using a mild solution of detergent and warm water only, do not use aggressive cleaning products or solvents that may damage the product.

This product is non-dimmable.

This product should be dismantled for disposal when it reaches the end of its life. Please see website for dismantling instructions.

This product should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist.

## WARRANTY

This product has a warranty of 5 years from the date of purchase. Failure to install this product in accordance with the current edition of the IEE Wiring Regulations (BS7671), improper use, or removal of the batch code will invalidate the warranty. If this product should fail within its warranty period, it should be returned to the place of purchase for a free of charge replacement. ML Accessories does not accept responsibility for any installation costs associated with the replacement product. Your statutory rights are not affected. ML Accessories reserve the right to alter product specification without prior notice.

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