



INSTALLATION & MAINTENANCE MANUAL

**TORCWEM2 / TORCWEM4**  
**TORCWEM5 / TORCWEM6**

## 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:  
TORCWEM2 / TORCWEM4 / TORCWEM5 / TORCWEM6**

## 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 - If this luminaire is being used in conjunction with an external PIR or sensor, please confirm with the manufacturer of the sensors that they are compatible with LED luminaires.

- 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

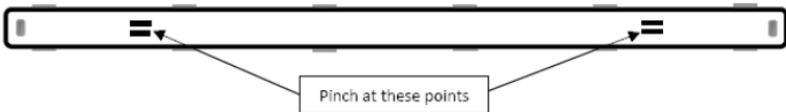
- Using the mounting bracket as a template, mark the location for, and drill the fixing holes ensuring not to infringe with any gas/water pipes or electrical cables. Fixing centres are shown in Fig. 1



**Fig. 1**

Product	Length (mm)	Length (ft)	Fixings centres (mm)
TORCWEM2	650	2	390
TORCWEM4	1260	4	900
TORCWEM5	1560	5	1000
TORCWEM6	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)



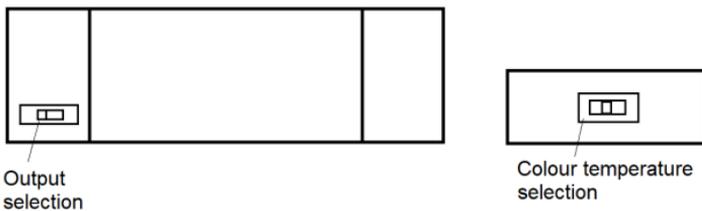
**Fig. 2**

- 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**

- Connect the battery to the inverter via the plug socket
- 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
- Switch on and check for correct operation ensuring the green indicator LED is illuminated
- We recommend, on commissioning the installation, a minimum charge period of 24 hours before carrying out an emergency duration test

Note: this fitting shuts off power to the Lithium Ion battery periodically to prevent overcharging. Therefore, the green LED indicator has been set up to indicate that the emergency inverter is in good condition, not to indicate the battery is charging. The installer must ensure the battery is connected.

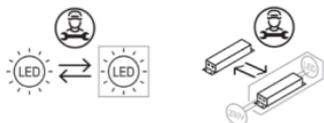
## WARNING

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.

Installing in areas where the temperature consistently drops below 0°C may shorten the battery life.

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.

The batteries in this luminaire are Lithium Ion and must be disposed of correctly. Please contact the local authorities for the disposal of this toxic waste.

## WARRANTY

This product has a warranty of 5 years (excluding battery) from 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.

## TEST RECORD

Recommended routine test procedure in accordance with BS5266:

- Daily check – check LED charge indicator is illuminated
- Monthly functional test - simulate a mains supply failure for approx. 30 seconds by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and ensure charge indicator is illuminated
- Annual 3-hour duration test - simulate a mains supply failure for 3-hour continuous test by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and ensure charge indicator is illuminated
- If the luminaire fails any of the above tests, please contact a qualified electrician. See below for test record sheet

**SUPPLIED BY:**

**(UK) MANUFACTURER**

**ML ACCESSORIES LTD, UNIT E CHILTERN PARK,  
BOSCOMBE ROAD, DUNSTABLE LU5 4LT,  
WWW.MLACCESSORIES.CO.UK**

**(EU) AUTHORISED REPRESENTATIVE**

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52531 ÜBACH-PALENBERG, GERMANY  
EMAIL: EPREL@GROUP.SLV.COM**

MADE IN CHINA

**230V  
50Hz**



**IP65**



**-5~  
40°C  
TA**

**IK08**

**ML**  
ACCESSORIES LTD



**UK  
CA CE**



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**TEST RECORD SHEET**

INITIAL COMMISSIONING 3 HOUR TEST		SIGNED				DATE					
		FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR		FIFTH YEAR	
MONTH	TEST	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE
1	FUNCTIONAL										
2	FUNCTIONAL										
3	FUNCTIONAL										
4	FUNCTIONAL										
5	FUNCTIONAL										
6	FUNCTIONAL										
7	FUNCTIONAL										
8	FUNCTIONAL										
9	FUNCTIONAL										
10	FUNCTIONAL										
11	FUNCTIONAL										
12	3 HOUR										

Installed by:

Installation date:

Contact number: