



INSTALLATION & MAINTENANCE MANUAL

**TNXTPEM**

## 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 installation of the following product:**

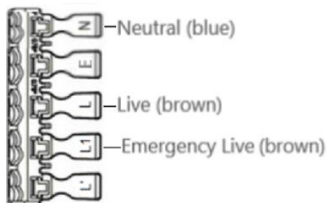
**TNXTPEM**

## 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 II double insulated
- This product is IP20 rated

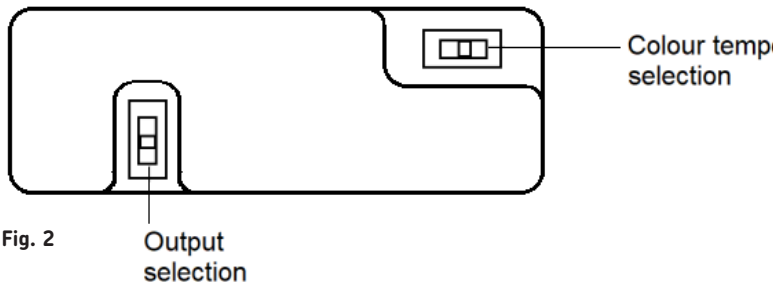
## INSTALLATION

- 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
- Remove the diffuser from the luminaire housing by unscrewing the four screws
- Drill the fixing holes in the rear of the fitting. Mark the location of the fixing holes and drill ensuring not to infringe with any gas/water pipes or electrical cables
- Feed the mains cable through the rubber grommet to retain IP rating, and secure the base to the surface using the plugs and screws provided
- Ensuring correct polarity is observed, carefully wire as shown in Fig. 1. Two cables can be inserted into the push-fit terminal block in order to achieve loop-in/loop-out wiring. The earth terminal is non-functional and only provided for convenience



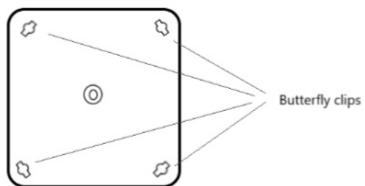
**Fig. 1**

- The additional terminal L' is the Slave Live, which enables the sensor to power on additional luminaires. A max. 400W LED load can be controlled by the sensor
- Connect the battery to the inverter
- Choose the required driver output and colour temperature via the switches on the driver (see Fig. 2)



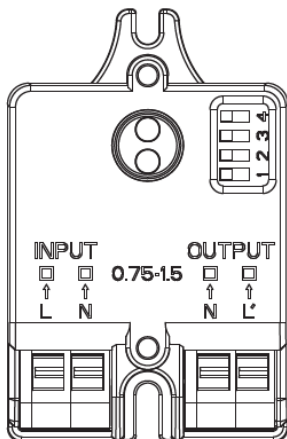
**Fig. 2**

- Attach the LED plate to the luminaire body by aligning the four butterfly screws on the body with the corresponding holes on the plate then turn clockwise to lock into place (see Fig. 3)

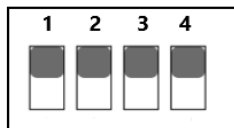


**Fig. 3**


**SENSOR LAYOUT**



**DIP SWITCH LAYOUT**



#### DIP SWITCH SETTINGS

<div>ON</div> <div></div>		1	2	3	4	open	close
	I	ON	ON	ON	ON	5Lux	25Lux
	II	ON	ON	ON	-	10Lux	50Lux
	III	ON	ON	-	ON	25Lux	75Lux
	IV	ON	ON	-	-	50Lux	100Lux
	V	ON	-	ON	-	100Lux	200Lux
	VI	ON	-	-	-	150Lux	300Lux
	VII	-	ON	-	-	200Lux	400Lux
	VIII	-	-	-	-	Disable	

When ambient light level is below open lux level, sensor automatically switches on lights at 100% brightness.

When ambient light level is over close lux level, it switches off lights.

- Re-attach the diffuser to the luminaire body using the four screws
- Switch on and check for correct operation ensuring the green indicator LED is illuminated – it will flash green if the battery is not connected, and is solid green to indicate that the battery is charging
- We recommend, on commissioning the installation, a minimum charge period of 24 hours before carrying out an emergency duration test

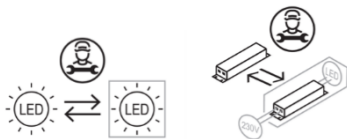
## WARNING

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 D 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 with a soft dry cloth only, do not use aggressive cleaning products or solvents which 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

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 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.

## TESTING FOR EMERGENCY LUMINAIRES

- 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

TEST RECORD SHEET											
INITIAL COMMISSIONING 3 HOUR TEST		SIGNED				DATE					
MONTH	TEST	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR		FIFTH YEAR	
		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:

**SUPPLIED BY:**  
**(UK) MANUFACTURER**  
**ML ACCESSORIES LTD**, UNIT E CHILTERN PARK,  
BOSCOMBE ROAD, DUNSTABLE LU5 4LT,  
[WWW.MLACCESSORIES.CO.UK](http://WWW.MLACCESSORIES.CO.UK)

**(EU) AUTHORISED REPRESENTATIVE**  
**SLV LIGHTING GROUP**,  
DAIMLERSTRASSE 21-23,  
52531 ÜBACH-PALENBERG, GERMANY  
**EMAIL:** [EPREL@GROUP.SLV.COM](mailto:EPREL@GROUP.SLV.COM)  
MADE IN CHINA

230V  
50Hz



IP20



-20~  
35°C  
TA

**ML**  
ACCESSORIES LTD



**UK  
CA**



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