

INSTALLATION & MAINTENANCE MANUAL SHEXXEMS



230V
50Hz

IP
65



ML
ACCESSORIES LTD



CE



134

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 products:

SHE1BEMS / SHE1GEMS / SHE2BEMS / SHE2GEMS

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 luminaire when deciding the location for installation
- This product is Class I and must be earthed
- This product is IP65 rated

INSTALLATION

- Provide power to the required point of installation. Suitable IP rated junction boxes should be used where required
- Remove the diffuser removing the four screws using the Allen key provided (see Fig. 1)

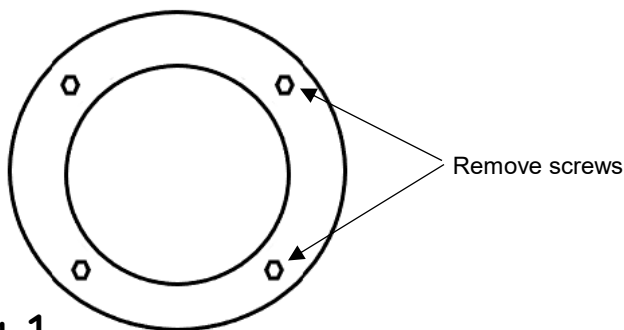


Fig. 1

- Mark the location of the fixing holes, and drill the holes ensuring not to infringe with any gas / water pipes or electrical cables
- Feed the cable via the rubber grommet to retain IP rating, and secure the baseplate to the surface
- Connect L1 Emergency Live, L Live to Sensor (brown), N Neutral (blue) and E Earth (green/yellow) to the terminals on the terminal block of the chosen LED plate ensuring the cable is secured in the cable clamp (see Fig. 2)

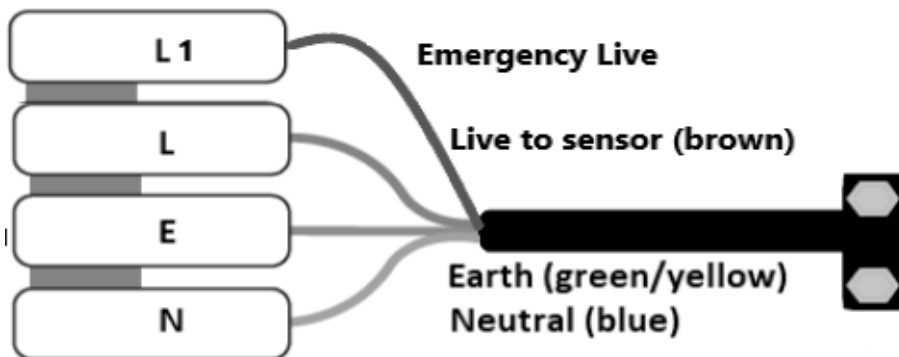


Fig. 2

- Ensure the earth lead on the LED plate is secured correctly to the earth lead on the body of the fitting
- Connect the battery to the inverter
- Fasten the LED plate screws
- Choose the required colour temperature by means of the DIP switch (see Fig. 3)

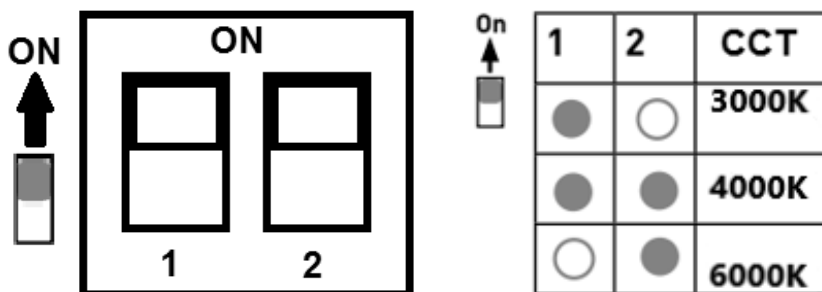
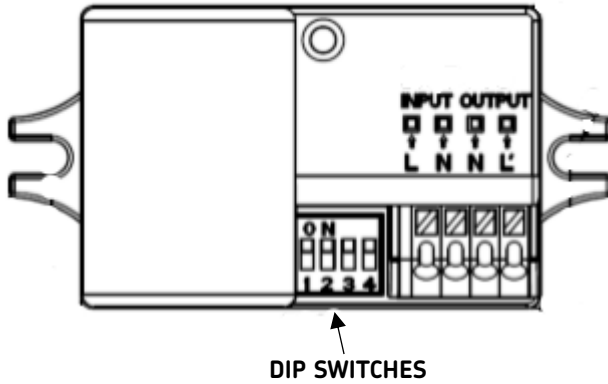


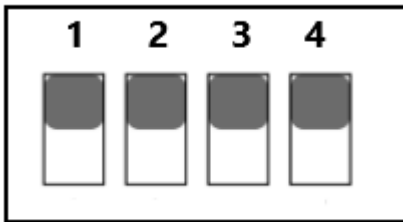
Fig. 3

- Adjust the sensor by means of the DIP switches (see Sensor Layout below)
- Reattach the diffuser and replace screws
- 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

SENSOR LAYOUT



DIP SWITCH LAYOUT



- 1) Detection Area
- 2 & 3) Hold Time
- 4) Daylight sensor

DIP SWITCH SETTINGS



Detection Area

Switch	1
100%	ON
50%	OFF

Hold Time

Switch	2	3
5 SEC	ON	ON
1 MIN	ON	OFF
3 MIN	OFF	ON
10 MIN	OFF	OFF

Daylight Sensor

Switch	4
25 LUX	ON
DISABLE	OFF

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 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

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

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, 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

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 three-hour duration test** – simulate a mains supply failure for a three 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

Please note: The Switched Live should not be re-energised during the emergency test

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										

Knightsbridge