



INSTALLATION & MAINTENANCE MANUAL

**HEX2 / HEX21 / HEX4 / HEX5 /  
HEX51 / HEX6**

## 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:**

**HEX2,HEX21,HEX4,HEX5,HEX51,HEX6**

## 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

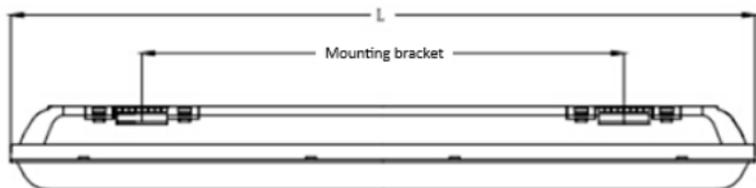
## INSTALLATION

### Notes

If this product 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.

This product is compatible with **MODMWS (230V Microwave sensor)**, **MODEMKIT2 (230V Emergency Kit)** and **MODMWS110 (110V microwave sensor)**, **MODEMKIT2110 (110V Emergency kit) (HEX21/51)**. See respective instruction manual for installation/configuration

- 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
- Using the mounting brackets as a template, mark the location for, and drill the fixing holes ensuring not to infringe with any gas/water pipes or electrical cables.



Product code	Type	Length (mm)	Length (feet)	Fixing centre (mm)
HEX2	230V (wide body)	665	2ft	350
HEX21	110-230V (wide body)	665	2ft	350
HEX4	230V	1265	4ft	950
HEX5	230V	1565	5ft	1050
HEX51	110-230V	1565	5ft	1050
HEX6	230V	1865	6ft	1450

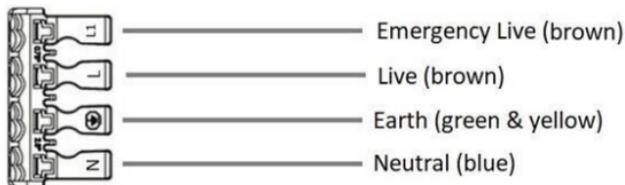
Fig. 1

- Secure the mounting brackets to the surface using suitable wall plugs and screws
- Align the fitting with the mounting brackets and clip into place
- Unfasten the clips on either side of the fitting (see Fig. 2)



**Fig. 2**

- Remove the gear tray/diffuser module - make sure hooks/straps in place for supporting it
- This product incorporates a flexible supply cable which allows mains supply entry from either side of fitting or centre. Use the compression gland provided for IP65 protection if required.
- HEX21 and HEX51 are 110V to 230V versions (yellow casing). They are supplied with additional flexible cable with external junction box for mains entry
- Fix the connector block onto required mounting point. Connect to the mains supply ensuring the correct polarity is observed: L – Live, L1 – Emergency Live (brown), E – Earth (green/yellow), N – Neutral (blue) (see Fig. 2). Two cables can be inserted into the push-fit terminal block to achieve loop-in/loop out wiring (see Fig. 3)
- Check earth wire is connected to earthing point on the gear tray



**Fig. 3**

- Replace the gear tray and diffuser ensuring all clips are fastened securely
- Switch on and check for correct operation

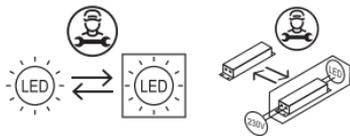
## WARNING

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 (HEX2,HEX4,HEX5,HEX6) and class D (HEX21,HEX51) to Regulation (EU) No. 2019/2015.

This product contains a replaceable LED light source 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 which may damage the product.

Do not use any source of high-pressure washers to maintain or clean this luminaire.

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 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.

**SUPPLIED BY:**

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**EMAIL: EPREL@GROUP.SLV.COM**

MADE IN CHINA

**230V**  
**50Hz**



**IP65**



**-20~**  
**45°C**  
**TA**

**IK10**

**ML**  
ACCESSORIES LTD



**UK**  
**CA** **CE**



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