



INSTALLATION & MAINTENANCE MANUAL

**NESGU / NESGUPIR**

## 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:**

**NESGU / NESGUPIR**

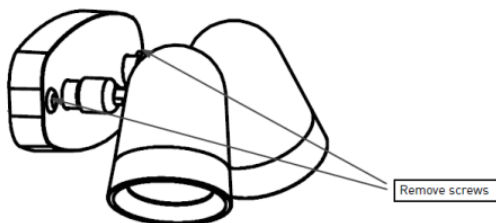
## SAFETY

- These products 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 these luminaires are fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker
- Please note the IP (Ingress Protection) rating of these products when deciding the location for installation
- Do not overload this accessory or subject it to conditions outside its rating
- These products are Class I and must be earthed
- These products are IP54 rated

## INSTALLATION

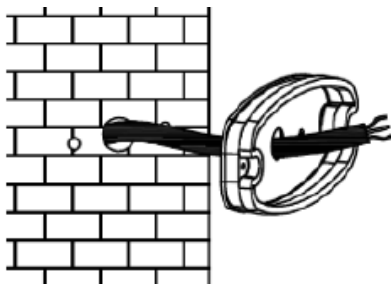
Note - If these luminaires are being used in conjunction with an external PIR or sensor, please confirm with the manufacturer of the sensors that they are compatible with LED lamps.

- 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 two screws from the front of the fitting and remove the baseplate (see Fig. 1)



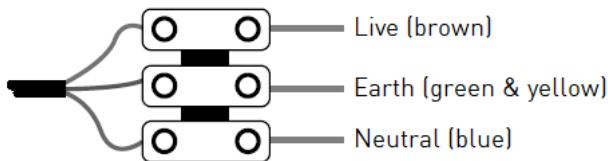
**Fig. 1**

- Using the baseplate as a template, mark the location for, and drill the fixing holes ensuring not to infringe with any gas/water pipes or electrical cables
- Fix the base to a suitable solid surface using the screws provided. Rubber washers or sealant should be applied around the screw heads to prevent water ingress
- Feed the mains cable through the rubber grommet to retain IP rating, and secure the baseplate to the surface (see Fig. 2)



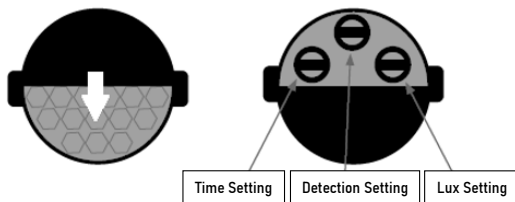
**Fig. 2**

- Ensuring correct polarity is observed, carefully wire as shown in Fig. 3



**Fig. 3**

- Fit the luminaire onto the baseplate and secure with the two screws
- Unscrew the bezels, insert two suitable GU10 lamps and carefully replace the bezel ensuring that the seal is in place and not damaged
- Set the required PIR settings as specified in PIR settings section using the dials. To access the dials, push down the black cover and adjust the dials with a flat-head screwdriver (see Fig. 4)



**Fig. 4**

- Cover the screws with the screw caps provided
- For NESGUPIR: Turn the power to the luminaire off for 10 seconds and on again for the PIR settings to be registered
- Check for correct operation

## PIR SETTINGS

The PIR sensor (NESGUPIR) is factory set as follows:

- Detection range: maximum 8m when mounted at a height of 2m
- Time settings:  $10 \pm 5s$ ,  $5 \pm 1min$
- Lux settings: Dusk to dawn
- Detection angle:  $90^\circ$
- The sensor has a manual override function. This can be activated by switching the power off and on twice within 3 seconds, and the indicator lights. The override can be cancelled by switching the power off and on twice again within another 3 seconds.

## WARNING

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

These products are not suitable for installation in or near a coastal or marine environment.

## GENERAL

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.

These products are dimmable dependent on lamp type using trailing-edge dimmers, please check compatibility before installation.

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

These products has a warranty of 3 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..

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



**IP54**



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