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.

This product is unsuitable for installation in or near coastal and marine environments.

GENERAL

The LED lamps fitted in this product are non-replaceable. The unit should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist.

Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the fitting.

A light film of acid free oil is recommended after installation and maintained periodically (2-3 times a year) to aid corrosion prevention.

Note that the drainage below the luminaire should be able to drain the water away within 30mins.

WARRANTY

This product has a warranty of 2 years 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 codes 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.

ML Accessories Limited
LU5 5TA
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SBNOV16_V2

Knightsbridge®
the mark of quality

INSTALLATION & MAINTENANCE MANUAL
LEDGL SERIES

230V 50Hz | IP 65

RoHS COMPLIANT

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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:
LEDGL5, LEDGL6, LEDGL9

SAFETY

- Installation of this luminaire should only be carried out by a qualified electrician or competent person to the latest Building and current IEE Wiring Regulations (BS7671)
- Please isolate mains prior to installation/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 of Protection) rating of this luminaire when deciding the location for installation
- This product is Class I and requires an earth
- This product is IP65 rated
- This product is non-dimmable

INSTALLATION

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

- Cut a suitable hole in the mounting surface as per the cut-out details (see table in Fig 1) ensuring that it does not infringe with electrical cables or water/gas pipes

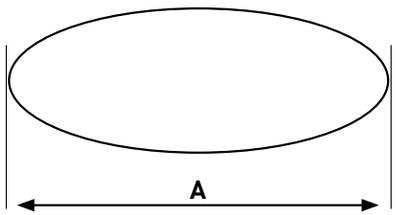

Fig 1

Part code	Cut out A with mounting sleeve (mm)	Without mounting sleeve (mm)
LEDGL5	60	53
LEDGL6	114	108
LEDGL9	143	136

- Provide power to the required point of installation. Suitable IP rated junction boxes should be used where required
- Ensure that this power source is via an RCD or an RCBO
- Connect the mains supply, Live (brown), Neutral (blue) and Earth (green/yellow) (see Fig 2)

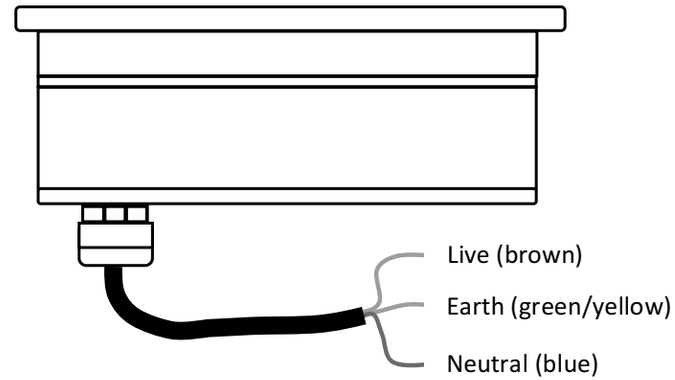

Fig 2 (LEDGL9 shown in image)

- The power source connections should be local and accessible via a suitable IP rated enclosure
- We recommend not installing in areas where there is a high risk of flooding or areas where water will sit on top of the fitting (see Fig 3)

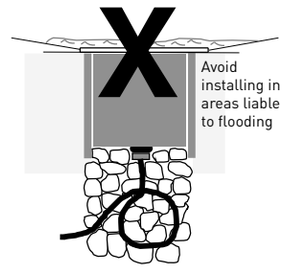

Fig 3

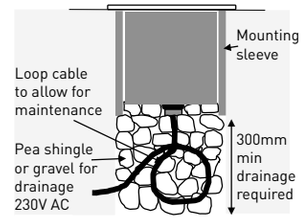

Fig 4

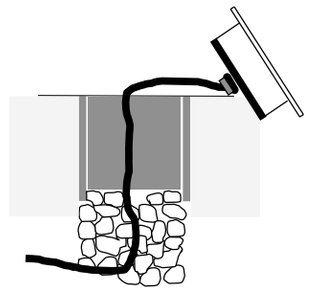

Fig 5

- Ensure that a minimum of 300mm of drainage is put in below the luminaire (see Fig 4)
- Ensure there is enough cable below the fitting in order to carry out maintenance work (see Fig 4 and Fig 5)
- Switch on the power and test for correct operation