

# Knightsbridge

INSTALLATION & MAINTENANCE MANUAL

## LDGLxx



230V  
50Hz

IP  
65



**ML**  
ACCESSORIES LTD



CE



02

## 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 the installation of the following products:  
LDGL5 / LDGL6 / LDGL9**

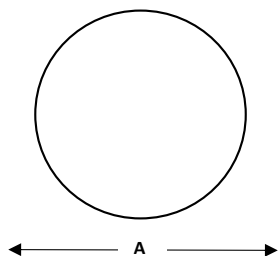
## SAFETY

- 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 series is IP65 rated

## INSTALLATION

**Note** - If this luminaire 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.

- 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
- The power source connections should be local and accessible via a suitable IP rated enclosure
- Cut a suitable hole in the mounting surface as per the cut-out details (see Fig. 1 and Tab. 1) ensuring not to infringe with any joists, gas/water pipes or electrical cables

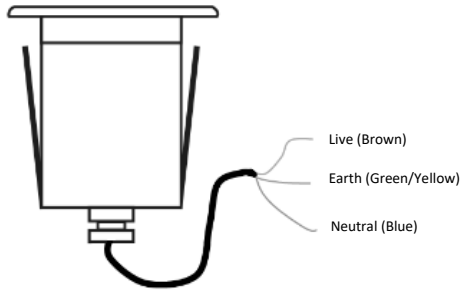


**Fig. 1**

Part Code	Cut-out "A"	
	With mounting sleeve (mm)	Without mounting sleeve (mm)
LDGL5	60	55
LDGL6	114	108
LDGL9	144	138

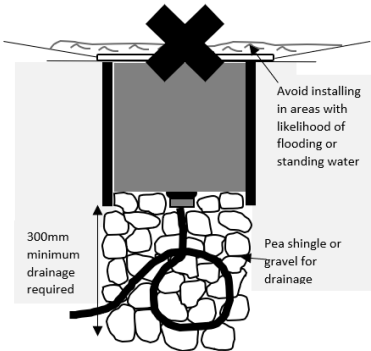
**Tab. 1**

- Connect the luminaire to the mains supply ensuring that correct polarity is observed (see Fig. 2):  
Live (Brown), Earth (Green/Yellow), Neutral (Blue)

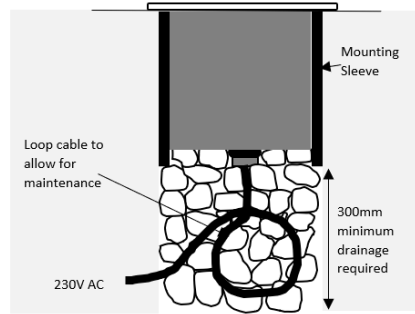


**Fig. 2 (LEDGL5 without mounting sleeve shown in image)**

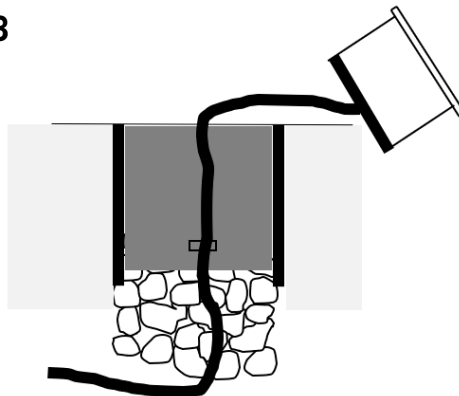
- We recommend not installing in areas where there is a high risk of flooding or areas where water may sit on top of the fitting (see Fig. 3)
- Ensure a minimum of 300mm of drainage is put below the luminaire (see Fig. 4) and there must be enough cable below the luminaire in order to carry out maintenance work (see Fig. 4 and Fig. 5)



**Fig. 3**



**Fig. 4**



**Fig. 5**

- Switch on and check for correct operation

## WARNING

This luminaire 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

The LED lamps fitted in this product are non-replaceable. The product 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 product.

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

This product is not suitable for installation in or near a coastal or marine environment.

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

This product is non-dimmable.

## 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 (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.