



INSTALLATION & MAINTENANCE MANUAL

**4IPB / 4IPW**

## 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 product:**

**4IPB / 4IPW**

## 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 product 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 should be installed in the upright position
- This product is Class III
- This product is IP67 rated

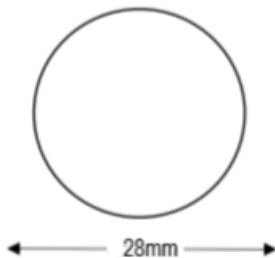
## INSTALLATION

Note - 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 requires a 24V DC constant voltage LED driver, fittings must be wired in parallel.

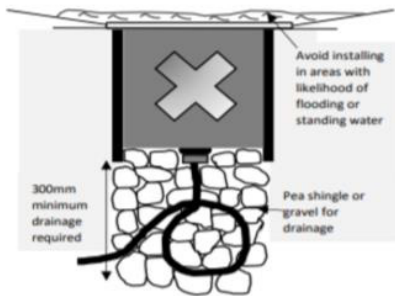
- Provide power to the required point of installation (refer to BS7671 for correct cabling methods). Suitable IP rated junction boxes should be used where required
- The power source connections should be local and accessible via a suitable IP rated enclosure
- Cut a suitable hole in the mounting surface as per the cut-out details (see Fig.1) ensuring not to infringe with any joists, gas / water pipes or electrical cables

**Fig. 1**



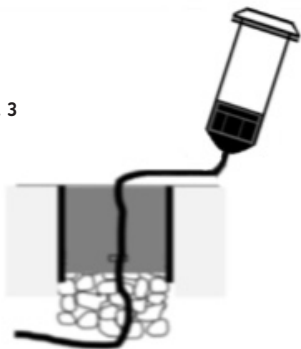
- We recommend not installing in areas where there is a high risk of flooding or areas where water may sit on top of the fitting (see Fig. 2)

**Fig. 2**



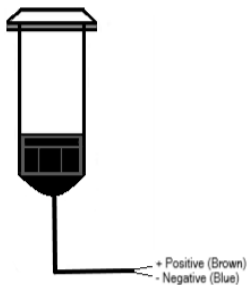
- Ensure a minimum of 300mm of drainage below the luminaire (see Fig. 2).
- When installing into decking, ensure there is enough clearance below so the fitting, cable, and driver are not in standing water
- There must be enough cable below the luminaire in order to carry out maintenance work (see Fig. 3)

**Fig. 3**



- Connect the + (brown) and – (blue) into the secondary terminals of the 24v constant voltage driver (see Fig. 4)
- The minimum and maximum load of the driver must be observed
- Connect the constant voltage driver to the Live (brown) and Neutral (blue) of the mains supply
- We recommend that a maximum cable run of 10m of 0.75mm<sup>2</sup> CSA cable be used in the parallel circuit
- Switch on and check for correct operation

**Fig. 4**



## **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 not suitable for installation in or near a coastal or marine environment.

## GENERAL

The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire should be replaced.

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 luminaire.

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.

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 1 year 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.

INTERNATIONAL  
CONTACT DETAILS



24V

IP67



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