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INSTALLATION & MAINTENANCE MANUAL
OS006

230V 50Hz **IP 55**

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:
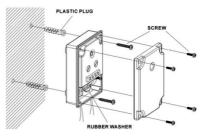**OS006**

SAFETY

- Installation of this product 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 product and load 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 product when deciding the location for installation
- This unit is rated at IP55
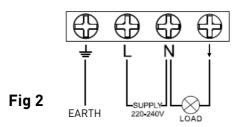- This product is Class I and must be earthed

INSTALLATION

Note: Avoid mounting this product in direct sunlight and near luminaires as this could cause nuisance tripping
- Provide power to the required point of installation
- Remove the 4 screws that secure the front cover
- Using the base as a template mark the 4 fixing holes
- Ensuring not to infringe with any gas/water pipes or electrical cables, drill the 4 holes and secure the sensor base using the fixings provided (see Fig 1)   **Fig 1**

- Insert the mains and lighting cables into the sensor via the rubber grommets on the back of the sensor ensuring the IP rating of this product is maintained (silicon sealant may be required)

Ensuring correct polarity is observed:
- terminate the mains supply - brown (L), blue (N) and yellow/green ⏚
- terminate the lighting cables - brown (↓), blue (N), yellow/green ⏚
  (see Fig 2)

Fig 2

TEST MODE

With the front cover removed, the 3 adjustment controls can be set:
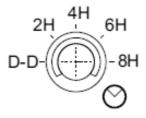
For initial set-up of the sensor, turn the time control fully anti-clockwise to D-D and the lux control fully clockwise

After the sensor has been switched on it will take up to 30 seconds to enter into automatic mode

Once in automatic mode, cover the sensor window to block out the light, after 10 seconds the luminaire will illuminate. Uncover the sensor window and the luminaire will go off after 10 seconds

After the initial setup has been completed, adjust the time and lux setting to the desired levels
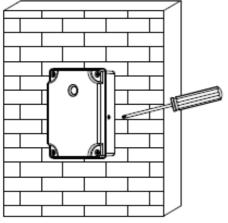
SENSOR SETUP

Note: When making adjustments to the photocell settings ensure the sensor is powered down

Time setting: 2 hours – 8 hours. Turning the dial clockwise increases the time the luminaire will remain on after activation. D-D setting on the dial will enable dusk-to-dawn mode, this will keep the luminaire on between the hours of dusk and dawn

Lux setting: 3 lux – 1000 lux. If you require the luminaire to operate under brighter conditions, turn the dial clockwise. Dusk is approximately at the 12 o'clock position

Once the required adjustments have been made, refit the front cover and fasten down the screws

Switch on the power supply and check for correct operation

Alternatively, the **Lux memory control** setting can be used. This will set the unit to the current/ambient light level overriding the lux dial. With the unit powered on, carefully insert a screwdriver into the hole on the side of the sensor to operate the memory button. Hold the memory button down for 5 seconds and release. The unit will now be set to turn on at the current ambient light level (see Fig 3)

Fig 3

LOADING

Do not exceed maximum loading requirements as listed below

Incandescent – 1000W

Fluorescent/inductive – 500W

LED – 200W

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

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 other materials or solutions which may damage the product

WARRANTY

This product has a warranty of 1 year from date of purchase. Failure to install 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

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