

INSTALLATION & MAINTENANCE MANUAL



230V
50Hz

IP
65



 **RoHS**
COMPLIANT



113

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:

FLF10M / FLF20M / FLF30M / FLF50M / FLF80M / FLF20WM / FLF30WM / FLF50WM

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 non-dimmable
- This product is IP65 rated

INSTALLATION

- Provide power to the required point of installation. Suitable IP rated junctions boxes should be used where required
- Remove the bolts either side of the base mounting bracket and remove bracket (see Fig 1)

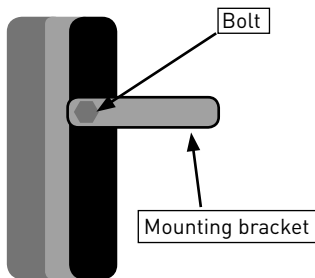


Fig1

- Using the mounting bracket as a template, mark the location of the fixing holes and drill the holes ensuring not to infringe with any joists, gas or water pipes or electrical cables
- Carefully wire as shown in Fig 2

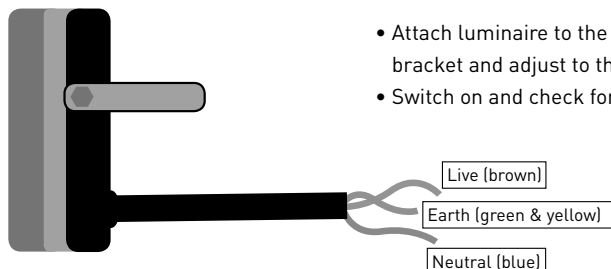


Fig2

- Attach luminaire to the base mounting bracket and adjust to the desired angle
- Switch on and check for correct operation

MICROWAVE SENSOR

Function	Setting
Sensitivity	100%
Time duration	1 min
Mode	Daylight (sensor will operate day and night)

This section can only be executed using the FLFR (sold separately)

FLFR Knightbridge
The most of 2016

Sensitivity

100% 75% 50% 25%

Time

5s 10s 30s 60s
2m 5m 10m 30m
1h 5h 10h 24h

Mode

SOS
FLASH OFF

Sensor Remote Control

Sensitivity can be changed from 100% (7m to 8m) to 25% (1m to 2m)

Time duration adjustable from 5 seconds to 24 hours

The pre-set modes can be changed (please see below for further details)

STEP 1 – MODE CHANGING

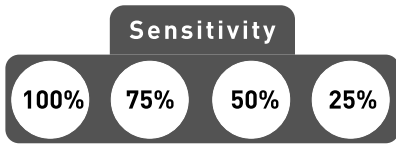
Symbol	Mode	Description
☀	Daylight mode	Sensor will operate night and day
🌙	Night mode	Sensor only operates during dusk to dawn (<50lx)
☀🌙	Photocell mode	Luminaire remains on during dusk till dawn (<50lx)
●	No function	N/A
☀	Manual override mode	This means the luminaire can be kept on, bypassing the sensor
FLASH	Flash mode	Luminaire flashes approximately every second
SOS	SOS mode	Flashes the SOS pattern in Morse code
OFF	Off mode	Switches off the luminaire

STEP 2 – DELAY TIME ADJUSTMENT

Time

5s 10s 30s 60s
2m 5m 10m 30m
1h 5h 10h 24h

Select time from panel below. Luminaire will flash to confirm selection.



All the buttons on the remote control have memory function. This applies if the luminaire is switched on and off with the remote control. If the power is cut off at the mains, the luminaire will revert to the default setting.

Step 3 – Sensitivity Adjustment

Select the sensitivity from the panel shown below. Luminaire will flash to confirm selection

Percentage	Detection distance
100%	7-8m
75%	6-5m
50%	3-4m
25%	1-2m

Note the above distances are applicable in ideal conditions

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 LEDs 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 product. This product is unsuitable for installation in or near coastal and marine environments. Do not use any source of high pressure washers to maintain or clean this luminaire

WARRANTY

This product 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, 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.