

TIMEGUARD®

Slimline LED High Power Floodlights

Model: LEDMF70FLB, LEDMF100FLB,
LEDMF150FLB



Installation & Operating Instructions

1. General Information

These instructions should be read carefully before installation and retained for further reference and maintenance.

2. Safety

- Before installation or maintenance, ensure the mains supply to the luminaire is switched off and the circuit supply fuses are removed or the circuit breaker turned off.
- It is recommended that a qualified electrician is consulted or used for the installation of this luminaire and install in accordance with the current IEE wiring and Building Regulations.
- Check that 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.
- This product is not suitable for use in food preparation areas.

3. Technical Specifications

- 230V AC, 50Hz
- These luminaires are of class I construction and must be earthed
- Colour Temperature: 4000K
- Operating Temperature: -20°C to +40°C
- Energy Efficiency: Class A
- Beam Angle: 100 Degrees
- Cable Gland Thread Size: M20
- IP65 Rated suitable for restricted external applications
- CE Certified

LEDMF70FLB

- 70W Non-replaceable LED
- Energy Usage: 70kWh/1000h
- Lumen Output: 5840lm
- Mounting Centres: 140mm
- Dimensions: H 335mm, W 285mm, D 78mm

LEDMF100FLB

- 100W Non-replaceable LED
- Energy Usage: 100kWh/1000h
- Lumen Output: 8130lm
- Mounting Centres: 150mm
- Dimensions: H 375mm, W 310mm, D 88mm

LEDMF150FLB

- 150W Non-replaceable LED
- Energy Usage: 150kWh/1000h
- Lumen Output: 11220lm
- Mounting Centres: 150mm
- Dimensions: H 375mm, W 310mm, D 88mm

4. Installation

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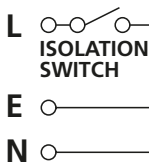
- 4.1 Ensure the mains supply is switched off and the circuit supply fuses are removed or the circuit breaker turned off.
- 4.2 An isolating switch should be installed to the switch the power ON and OFF to the luminaire. This allows the unit to be easily switched OFF for maintenance purposes.
- 4.3 Remove the mounting bracket by undoing the 2 Allen bolts and washers located on the left and right side of the luminaire. You will need a 6mm Allen key (not supplied). Take note of the order of the washers as you remove the bracket.
- 4.4 Mark the position of the mounting holes on the wall using the mounting bracket as a template.
- 4.5 Drill the holes for the rawl plugs ensuring not to infringe with any gas/water pipes or electrical cables that may be hidden below the surface. Insert the rawl plugs.
- 4.6 Fix the mounting bracket to the wall using the correct screws for the rawl plugs installed.
- 4.7 Remove the panel and rubber gasket located on the back of the luminaire by undoing the 4 fixing screws.

- 4.8 Attach the supplied cable glands to the luminaire. If an outgoing mains supply cable is not required, use a cable blank on one of the provided holes.
- 4.9 Pass the 230V 50Hz mains supply cable through the cable gland making sure to tighten it, and prepare the cable for termination.
- 4.10 Terminate the mains supply cable into the terminal block (please refer to section 5. Connection Diagram) ensuring correct polarity is observed and that all bare conductors are sleeved.
- 4.11 Re-fit the panel to the back of the luminaire ensuring the rubber gasket is in place. Secure into place using the 4 fixing screws previously removed.
- 4.12 Re-attach the luminaire to the mounting bracket using the 2 Allen bolts and washers previously removed, just enough to secure into place but do not overtighten.
- 4.13 Adjust the angle of the luminaire so it lights the required area, and then tighten the Allen bolts holding the luminaire to the mounting bracket.

5. Connection Diagram

- Connect the 230V AC 50Hz mains supply cable to the terminal block as follows;

**230V~50Hz
MAINS SUPPLY**



230V 50Hz Mains Supply

Live Supply (Brown or Red) to

L

Neutral Supply (Blue or Black) to

N

Earth (Green/Yellow) to



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6. Operation

- Turn the power ON to the isolation switch and test for correct ON/OFF operation.

3 Year Guarantee

In the unlikely event of this product becoming faulty due to defective material or manufacture within 3 years of the date of purchase, please return it to your supplier in the first year with proof of purchase and it will be replaced free of charge.

For years 2 and 3 or any difficulty in the first year, telephone the helpline on 020 8450 0515.

Note: A proof of purchase is required in all cases. For all eligible replacements (where agreed by Timeguard) the customer is responsible for all shipping/postage charges outside of the UK. All shipping costs are to be paid in advance before a replacement is sent.

If you experience problems, do not immediately return the unit to the store. Telephone the Timeguard Customer Helpline;

HELPLINE

020 8450 0515

or email helpline@timeguard.com

Qualified Customer Support Co-ordinators will be on-line to assist in resolving your query.



A **theben** Group Company

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Sales Office: 020 8452 1112

or email csc@timeguard.com

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