MFL
BY MASSON

MFL ELWOOD SML LED 12V GROUND LIGHT
SKU# 237000, 237001
Rated Voltage 12VAC/DC

Thank you for purchasing this quality MFL product. To ensure correct function and safety, please read and follow all instructions carefully before using the product. Please keep instructions for future reference.

Warranty

- This light fitting is covered by a 3 year warranty. The warranty is from date of purchase, not the date of installation. Please retain proof of purchase.
- Warranty will be void if there is any damage due to improper usage or modification to the fitting.
- Failure to comply with the instructions in this manual may increase the risk of damage or injury and will void warranty.

Installation requirements

- Must be installed by a licensed electrician.
- All wiring and installation of the light fitting must adhere to local and national wiring rules.
  eg. AS/NZS 3000:2007/Amendment 2:2012 Electrical installations.
- This fitting is rated IP67. This must be maintained during installation.
- Replace any cracked protective lamp shade to maintain IP rating when using this fitting.
- Select a suitable location for installation:
  - This fitting is rated IP67 which is protected against the effects of immersion.
- Take care not to pull any electrical wires during unpacking as this may damage the connection.
- Lay out all the components on a smooth surface and make sure there are no components missing before assembling. If parts are missing, return the complete product to the place of purchase for inspection or replacement.
- Check whether the fitting has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
- Ensure power to the circuit you are working on has been switched OFF, before commencing any electrical work.

Installation directions

Remove all packaging material from the product and be careful not to throw away accessories that may be hidden within the packaging material.

Using the LED fitting using moulded box

1. Turn OFF the power to the transformer or LED driver (12V output, SELV type, sold separately).
2. Remove the moulded box from the fitting.
3. Cut out a hole in the installation area. Refer to the specification section for cut-out size for the moulded box.
4. Secure the moulded box into the installation area and seal it with concrete. The face of the fitting should be should be on the same level with the ground surface.
5. Connect the transformer output cable and LED fitting to the IP67 rating connector (Not included). Additional silicon glue may need to be added to maintain the IP67 rating of the fitting.
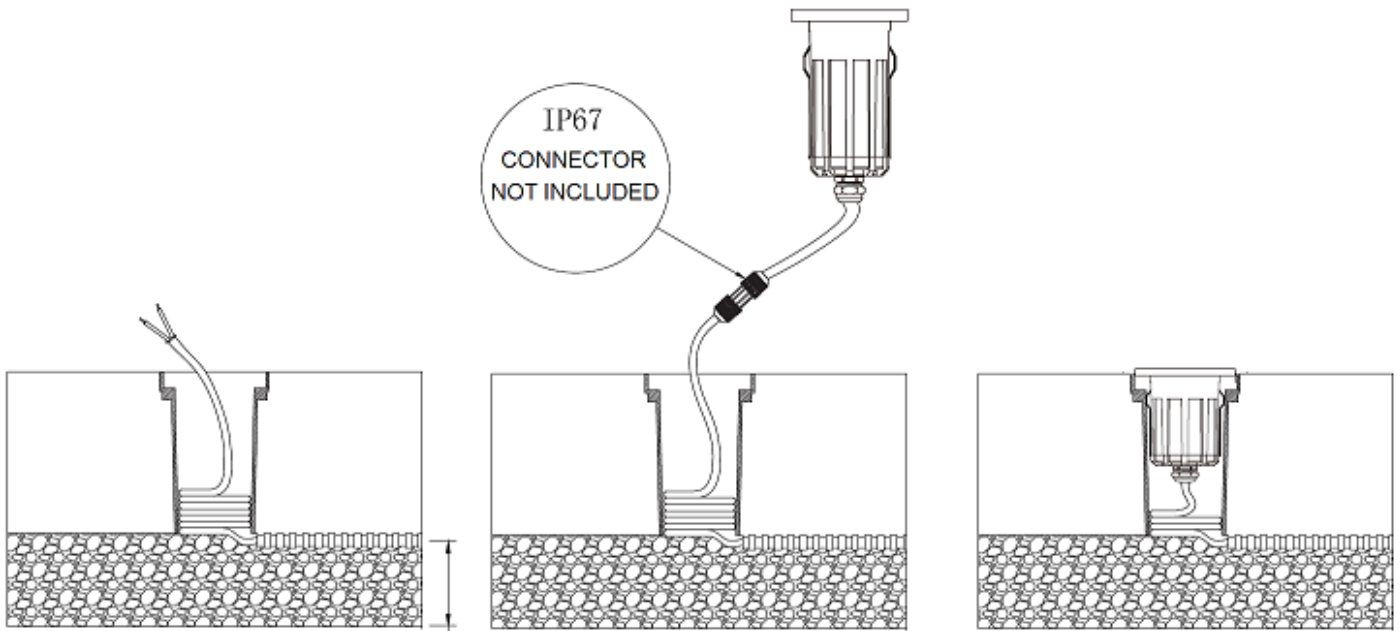
Power Cable	Wiring Label
Negative – Black	
Positive – Red	Input voltage +12VDC

6. Press the LED fitting into the moulded box. Ensure the springs of the fitting go through the slots of the moulded box.
7. Turn ON the power to the fitting.

IP67 CONNECTOR NOT INCLUDED

Install the LED fitting using springs

1. Turn OFF the power to the transformer or LED driver (12V output, SELV type, sold separately).
2. Take out the concrete can from the fitting.
3. Cut out a hole in the installation area. Refer to the specification section for cut-out size for using springs.
   Note: please ensure the wall is thicker than 30mm.
4. Connect the transformer output cable and LED fitting to the IP67 rating connector (Not included). Additional silicon glue may need to be added to maintain the IP67 rating of the fitting.
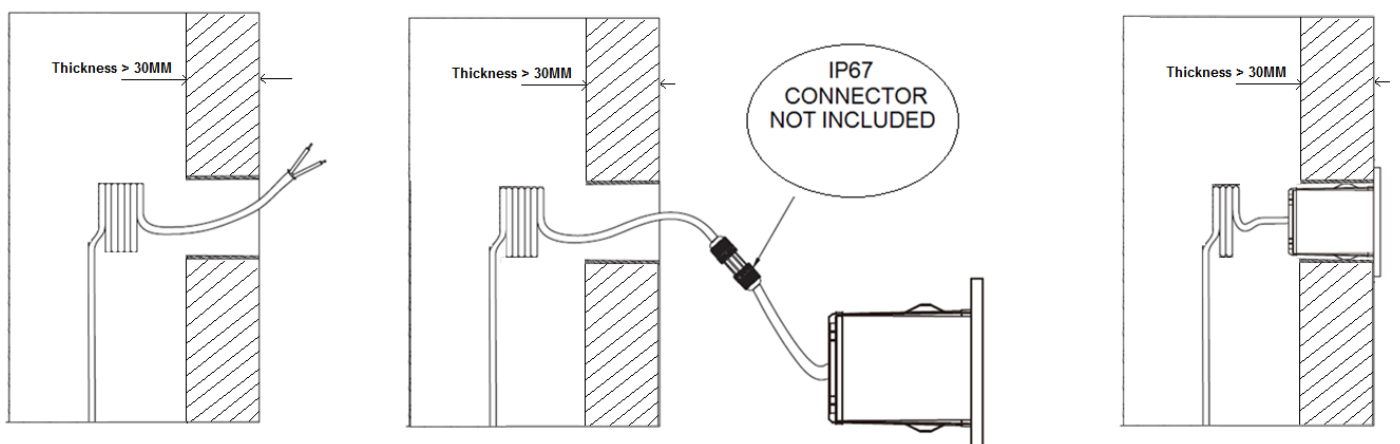
Power Cable	**Wiring Label**
Negative – Black	
Positive – Red	Input voltage +12VDC

5. Press the springs and install the LED fitting into the hole, and the top lip of the fitting sit on the wall.
6. Turn ON the power to the fitting.

Thickness > 30MM

IP67 CONNECTOR NOT INCLUDED

Safety tips

- Always ensure the power is OFF and the fitting has cooled down before performing any maintenance, cleaning, changing the globe or adjustment to the fitting.
- Select a suitable location away from hazards.
- Ensure that the fitting does not come in contact with corrosive chemicals, etc.

Specifications

SKU #	237000	237001
Description	Round	Square
Color	Black	
Rated Voltage	12V	
Rated Wattage	5W Max.	
LED	CREE LEDS, 3000K, 450lm	
IP Rating	IP67	
IK Rating	IK06	
Weight	0.525kg	0.545kg
Cut Out Size	When using moulded box: Dia:120mm When using springs: Dia:47mm	When using moulded box: Dia:120mm When using springs: Dia:47mm
Dimensions	Dia:117mm H: 155mm (with moulded box) Dia: 64mm H: 120mm (with springs)	Dia:117mm H: 155mm (with moulded box) Dia:L:64mm W:64mm H: 120mm (with springs)