

MICHIGAN LUMINAIRE & ATTACHMENTS INSTRUCTIONS

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THANK YOU for buying this product. To help ensure it gives complete satisfaction please install it according to these instructions and then pass the instructions to the appropriate person for retention and future reference.

SAFETY This is a mains powered product. It is designed to be installed by suitably qualified personnel only and in accordance with the applicable building and electrical regulations. Before installation or maintenance the electrical supply to the product must be isolated.

WARRANTY This product is warranted to be free of defects in materials, design and workmanship for 12 months from the date of purchase. If a suspected fault should develop in this time, please contact us at the address above. This warranty does not extend to consumable items such as lamps and fuses.

INSTALLATION SUPPORT If installation advice or accessories are required, please also contact us at the above address. We will do our best to help.

When reporting a suspected fault or seeking installation support the problem is likely to be resolved most quickly if you have full product details to-hand, as well as details of when and where it was purchased.

LUMINAIRE INSTALLATION

1. Decide mounting position in ceiling & cut suitable round hole 200mm in diameter & provide mains supply cable. Care should be taken when cutting the hole to avoid structures & to not exceed the specified cutting diameter so as not to expose the cut edge.
2. Decide on gear box position for installation:
HF versions - The gear box can either be left on top of the head unit as supplied, or removed and installed remotely beside the head unit. To remove, undo & remove cylindrical locking screw (located on the top plate at the lampholder end) & then slide gear box towards lampholders to release from the tabs on top plate.
HF/M3 versions – This can only be installed with the gear box mounted to the side of the head unit.
3. Loosen the screws on the side walls of the gear box & remove the cover to expose the mains entry terminal block.
4. Pass the mains supply cable through one of the cable entry holes in the side wall of the gear box & route to the terminal block. It is important that supply cables to luminaires fitted with an electronic ballast do not run adjacent to leads connected to the ballast output terminals so as not to affect radio frequency interference suppression.
5. Terminate the mains supply cable into the terminal block ensuring correct polarity is observed.
WARNING: THIS LUMINAIRE MUST BE EARTHED
6. Locate the mains supply cable into the cable clamp & secure by tightening the screws.
7. Replace the gear box cover & tighten the screws to secure.
8. Remove the reflector from the head unit by undoing & removing the fixing screw (located inside).
9. Insert the suspension clips provided into side arms of the head unit. Pass the longer leg of the clip (facing downwards) through the hole in the side arm from the inside, then slide down a short way into the slot.
10. Insert the luminaire through the cut hole & push up until the front flange locates against the ceiling, then slide the suspension clips down to secure in position. If the gear box is to be mounted remotely then this should be inserted first. The head unit will need to be tilted as it is inserted into the ceiling to clear the edge of the 200mm hole.

NOTE: IF ATTACHMENTS ARE TO BE USED, IT IS RECOMMENDED YOU REFER TO PAGE 2 NOW

11. Refit the reflector, ensuring the lamp cut out holes are aligned with the lampholders.
12. Install the lamp(s) - ensuring they are of the correct type & wattage - into the lampholders.
13. Reconnect power supply & check for correct operation. Luminaires fitted with electronic ballasts are exempt from insulation resistance tests as this may cause damage to the ballast.

ALTERNATIVE BEZEL ATTACHMENT INSTALLATION

1. Remove the lamp(s) - if already installed.
2. Remove the reflector from the head unit by undoing & removing the fixing screw (located inside).
3. Locate the alternative bezel over the back of the reflector.
4. Refit the reflector, ensuring the lamp cut out holes are aligned with the lampholders.
5. Refit the lamp(s).

DROP-GLASS KIT ATTACHMENT INSTALLATION

1. Remove the lamp(s) - if already installed.
2. Remove the reflector from the head unit by undoing & removing the fixing screw (located inside).
3. Locate the bezel over the back of the reflector – studs down.
4. Refit the reflector, ensuring the lamp cut out holes are aligned with the lampholders.
5. Refit the lamp(s).
6. Locate & tighten the 3-off spacers onto the studs on the bezel.
7. Locate the holes in the glass disc over the studs on the end of the spacers.
8. Locate & tighten the 3-off retaining finials to secure the glass disc in position.

IP44 KIT ATTACHMENT INSTALLATION

1. Remove the lamp(s) - if already installed.
2. Remove the reflector from the head unit by undoing & removing the fixing screw (located inside).
3. Locate the bezel over the back of the reflector – studs down.
4. Refit the reflector, ensuring the lamp cut out holes are aligned with the lampholders.
5. Refit the lamp(s).
6. Locate the gasket in position.
7. Locate the holes in the glass disc over the studs on the bezel, ensuring gasket is in correct position.
8. Locate & tighten the 3-off retaining finials to secure the glass disc in position.

DECORATIVE GLASS KIT ATTACHMENT INSTALLATION

1. Remove the lamp(s) - if already installed.
2. Remove the reflector from the head unit by undoing & removing the fixing screw (located inside).
3. Locate the bezel over the back of the reflector – studs down.
4. Refit the reflector, ensuring the lamp cut out holes are aligned with the lampholders.
5. Refit the lamp(s).
6. Locate & tighten the 3-off decorative glass support arms onto the studs on the bezel, ensuring the glass support groove faces towards the centre of the luminaire.
7. Locate the glass disc into the grooves on the decorative glass support arms.

MAINTENANCE

1. The reflector material is aluminium & will tarnish if touched with bare skin. We recommend the use of plastic or cotton gloves when handling. A soft dry cloth may be used for cleaning.
2. Any failed lamps should be replaced promptly to avoid irreparable damage to the luminaire.
3. Lamps should be replaced on a planned maintenance schedule.
4. Cleaning should be carried out at regular intervals so as not impair the photometric performance or the thermal safety of the luminaire.

WARNING: Ensure the luminaire is isolated from the mains supply & suitably cooled down before carrying out any maintenance work