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ERP IIS00386 MDW Surface Mounting Luminaire Light Instruction Manual

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Contents

Instructions

NOTES

- Installation should be completed by an individual familiar with the construction and operation of the luminaire.
- Installation of luminaire must be in accordance with nation and local building and electrical codes.
- Carefully read and follow all warnings and instructions before installing or servicing the luminaire.
- Instructions do not cover all details and all possible product configurations
- Do not restrict luminaire ventilation.
- Ensure LED luminaire is not covered with material that will prevent convection or conduction cooling.
- Do not exceed luminaire's maximum ambient temperature.
- Ensure LED luminaire has the correct polarity before installation.
- This product has maximum rated output of 55Vdc. This output complies with the definition of Class 2 per Canadian Electrical Code. This output cannot be accessible based on maximum voltage restrictions for Class 2 circuits in Canadian Electrical Code. This product complies with this requirement since the installation instruction requires installation in restricted access area.

WARNINGS

Electric shock:

- Disconnect or turn off power before installing or servicing luminaire.
- All electrical wiring to be completed by a qualified licensed electrician in accordance with local and National/Canadian Electrical Code.
- Ensure supply voltage corresponds with the correct ballast/driver voltage.
- Avoid exposing wiring to metal edges and sharp objects.
- Ensure that the luminaire is properly grounded to prevent electric hazards
- **Fire:**
- Keep flammable and combustible materials away from the light source and/or lens.
- Use correctly rated supply conductors as indicated by product labeling

Burn:

- Allow luminaire to cool before handling luminaire.

Personal Injury:

- Wear safety glasses and gloves when handling the luminaire to avoid physical injury.
- Avoid direct eye contact with light source.
- Always support the weight of the luminaire.

Intended Use:

- Certain airborne contaminants can diminish integrity of acrylic and/or polycarbonate.
- Certain airborne contaminants may also adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the containments, ventilation, and
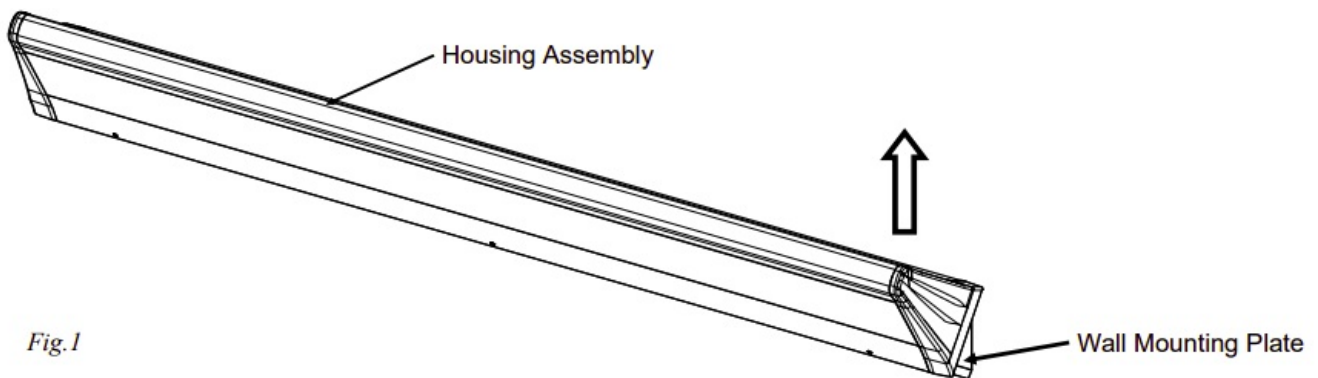
temperature at the end-user location.

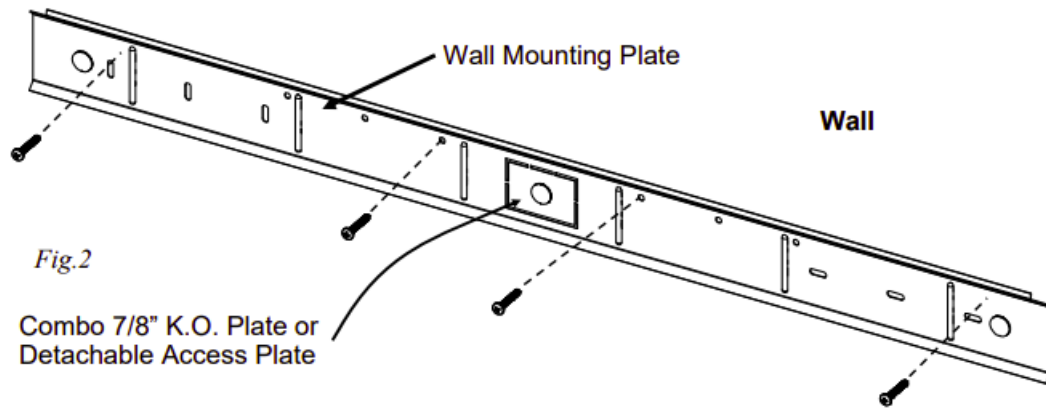- Failure due to the effect of contaminants is not covered under our standard terms of warranty.

Manufacturer is not responsible for any injuries due to the improper installation or handling of its products.
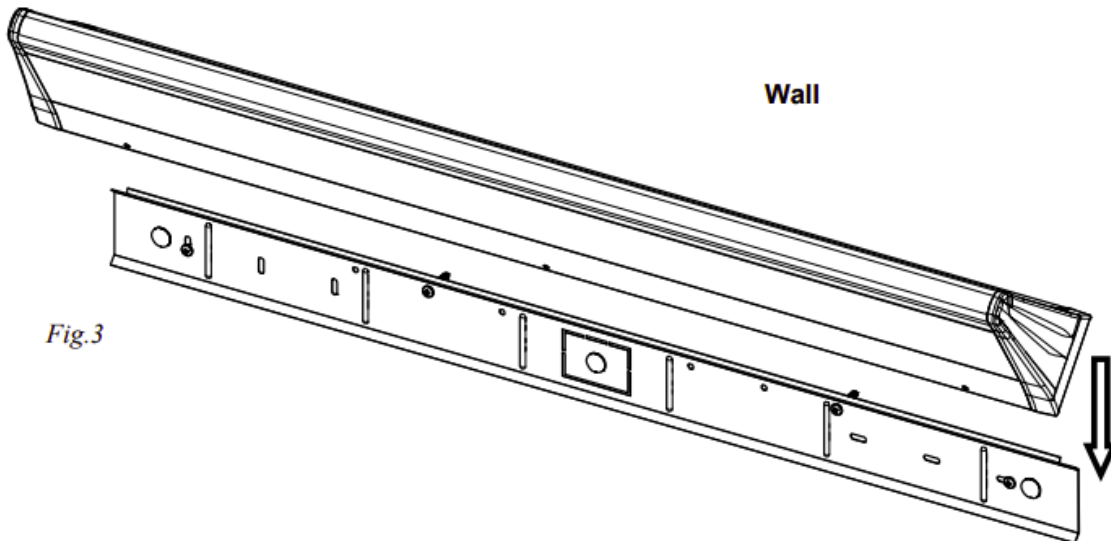
INSTRUCTIONS

1. Locate fixture mounting position and mark center lines for height and horizontal location.
2. Prepare Electrical connections:
   a. For AC Power: Rough-in a outlet box with a single gang extension ring oriented horizontally and located with its center at the center of the fixture location and height. Alternatively, bring flexible conduit and fitting to the center of the fixture location.
   b. For Low Voltage controller wiring: Bring wiring to a knockout adjacent to the controller position.
3. Secure a durable structural supporting surface to the wall studs in an area projected behind the fixture location and equal to or extending beyond the full size of the fixture. This surface must be capable of supporting the fixture under all possible load conditions. It is to be flush to the studs so that it can be covered by GWB in a manner that is flat and undistorted.
4. If using an outlet box, use diagonal cutters or similar tool to remove the rectangular plate located in the center of the mounting bracket. Otherwise select a knockout to remove.
5. Remove fixture from box and place on a stable flat surface.
6. Loosen* hidden screws located in small holes at bottom-most edge of the fixture housing using a 1/8" (3mm) Allen wrench or bit. (*Do not remove these screws, just loosen them until they extend from housing a small amount) **Fig. 1**

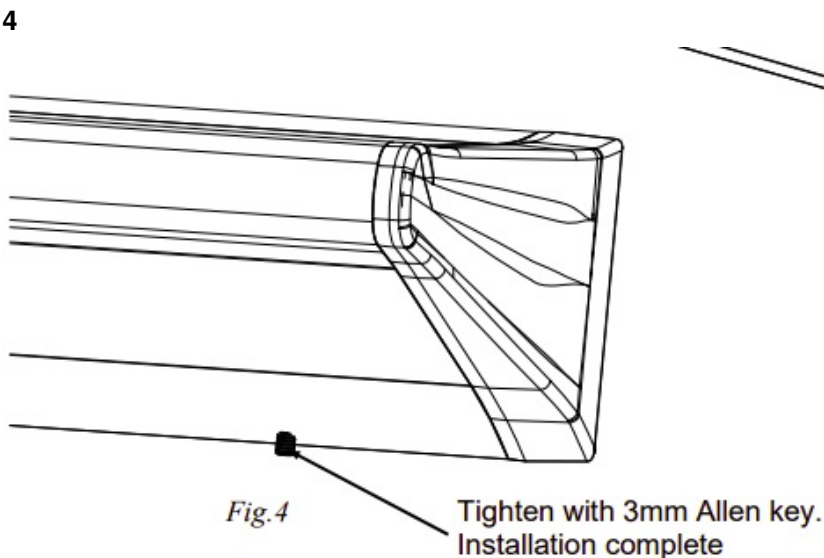Housing Assembly

Fig.1

Wall Mounting Plate

7. Align Mounting Bracket center with the center of the fixture location previously determined in step 1. Mark the wall for mounting bolt locations.
8. Install suitable anchor using the 2 outer slots (bolts with washers by others) into structural support and secure Mounting Bracket to wall Fig. 2 (If using toggle bolts: GWB or wall materials are not to directly support this fixture. Wood or Steel structural material must interface with toggle nuts.)
9. evel and center fixture and then tighten.
10. Add additional anchor hardware located at least every 16 inches using no less that four (4) per fixture. **Fig. 2**

Fig.2

Wall Mounting Plate

Wall

Combo 7/8" K.O. Plate or
Detachable Access Plate

11. Make electrical connections for AC power and Low Voltage controller, keeping low voltage wiring and connectors separated by a 6-inch distance from AC power. Push AC power connections into J-Box. Gather low voltage wiring connections into the wiring channel of the fixture.

12. Inspect fixture and locate mounting set screws. Using a Allen wrench (internal hex) adjust screws to fully retracted position.

13. Lift fixture above Mounting Bracket and with the fixture centered horizontally, slide downward while holding top surface of fixture to the wall. Fixture should catch on top edge of Mounting Bracket. **Fig. 3**

Wall

Fig.3

14. Tighten hidden fixture screws from step #6 using the Allen wrench until fixture is securely attached to wall. **Fig. 4**

Fig.4

Tighten with 3mm Allen key.
Installation complete

15. Check attachment: The fixture should not move or feel loose.

    a. Lift up on fixture front edge.

    b. Pull away and down on fixture.

16. Energize fixture and test lighting and control system.

Documents / Resources

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IIS00386 MDW Surface Mounting Luminaire Light, IIS00386, MDW Surface Mounting Luminaire Light, Surface Mounting Luminaire Light, Mounting Luminaire Light, Luminaire Light, Light

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References

- **User Manual**