

Hangzhou LMenergysolution Lighting Company, Ltd.

LMX (External Driver) Troffer Retrofit Installation Instructions

SAFETY INSTRUCTIONS AND WARNINGS

- When using electrical equipment, basic safety precautions should always be observed.
- Installation should only be conducted by a qualified electrician in accordance with NEC and any relevant local codes.
- Risk of fire or electric shock. Retrofit kit installation requires knowledge of luminaires electrical system. If not qualified, do not attempt installation. Contact a qualified electrician.
- Do not make or alter any open holes in the enclosure of wiring or electrical components during kit installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- WARNING - This is a current rated device. Use in applications involving amperage beyond its rating can be dangerous and cause electrical fires.
- DANGER - Never remove wires from product as contact with electricity can cause serious injury or death. Follow NEC and Local Jurisdiction requirements when installing this kit.
- SAFETY NOTICE - Improperly installed electrical wiring can be dangerous and cause electrical fires. This product must be used in accordance with the current rating and wire sizes listed. Consult local building code before doing any electrical work.

INSTALLING YOUR LMX TROFFER RETROFIT

1. Connect the power whip of the SY driver to the incoming power (110V-277V). Wire dashed black lines connects to the Hot. White to Neutral. For SYxxW-DIM, connect the Purple (+) and Gray (-) wires to the Purple and Gray wires from the dimming controller.
2. Replace ballast cover. If the ballast and ballast cover is removed for single LMK lamp installations, cover wiring with the optional magnetic wire nut box.
3. Plug the clip end of the jumper coming out of the SY driver into the first SL lamp. If a second or third SL lamp is used in the troffer, plug the LM jumper whip into the opposite end of the SL lamp.
4. Secure the first SL lamp to the troffer using included magnetics. Optional SL Clips can be secured to the troffer with a self-tapping screw. Snap the SL lamp into the SL Clip.
5. Plug the jumper whip into the second (and third) lamp and secure to troffer using included magnetic clip.
 - a 2x2 Troffers - LM10JW
 - b 1x4 Troffers - LM10JW
 - c 2x4 Troffers - LM18JW
6. Close troffer door.
7. Turn on power at the Circuit Breaker

PREPARATION - REMOVE EXISTING PARTS

1. Turn off power at the Circuit Breaker
2. Remove the existing tubes and the ballast cover.
3. Disconnect the ballast wires from the incoming electrical line and if required, remove the ballast completely. You do not need to remove the existing tombstones.



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