

**Lowest Cost, Highest LPW, Fastest Install and Highest Rebates in the Market.**

**DLC Standard** listed "Linear Retrofit Kits for 2x4 Luminaires" delivers 4989 lumens of enhanced spectrum 83+ CRI light with 139 lumens per watt - as measured through the frosted lens.

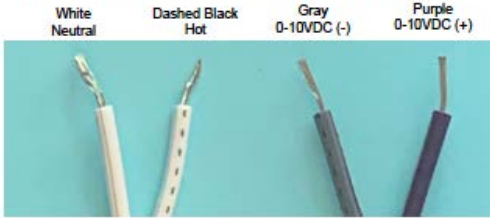
Model XXX-Kelvin	Kelvin ^	0-10VDC Dimming	Watts	Lumens/ LPW (5000K)
LMK418-DIM-F-XXXX-2	3500, 4000, 5000K	Yes	36	4989/139

**FOR COMMERCIAL AND INDUSTRIAL APPLICATIONS**

<p><b>DLC Listed:</b>                  ■ Linear Retrofit Kits for 2x4 Luminaires</p>	<p><b>Dimension &amp; Weight:</b>                  4' – 44.56 (L) 1.32 (W) 1.44 (H) 9 oz.</p> <p><b>Construction:</b>                  Aluminum Extrusion and Polycarbonate Lens</p> <p><b>CRI:</b> 83+</p> <p><b>Rating:</b> IP51 (Damp)</p>	<p><b>Operating Temperature:</b> -20 to 50°C (-4 to 122°F)</p> <p><b>Rated Life @ 55°C:</b> &gt;65,000 hours</p> <p><b>Lumen Maintenance @ 55°C:</b> 98.89%</p> <p><b>THD:</b> &lt;15%    <b>Max Connected Load:</b> 4.5 Amps</p> <p><b>Power Factor:</b> &gt;0.98</p> <p><b>Input Voltage:</b> 120 - 277VAC</p> <p><b>Beam Angle:</b> 120°</p> <p><b>Warranty:</b> 7 Years</p>
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**LMK-DIM Power Whip Wiring**  
 Follow 0-10VDC Controller Manufacturers Wiring Instructions  
 If 0-10VDC dimming is not used, tape off Purple and Gray wires



# Hangzhou LMenergysolution Lighting Company, Ltd.

## LMK (Internal Driver) 2x4 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.

### ADDITIONAL INFORMATION

Additional installation and warranty information may be found at [www.ledstick.net/resources](http://www.ledstick.net/resources).

### 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.

### INSTALLING YOUR LMK TROFFER RETROFIT

1. If using 0-10VDC dimming controller follow manufactures instructions. Connect the LM3PW-DIM power whip of the to the incoming power (110V-277V). Wire dashed black lines connects to the Hot. White to Neutral. If not using 0-10VDC dimming controller, tape off individual Purple and Gray wires.
2. Plug power whip into first LMK and secure the first LMK lamp to the troffer using included magnetic clips. Optional physical mounting can be accomplished by removing the magnet from the clip and secure the clip to the troffer with a self-tapping screw. Snap the LMK lamp into the clips.
3. If a second LMK lamp is used in the troffer, plug the 18" LM jumper whip into the opposite end of the 1st LMK lamp and connect it to the 2nd LMK lamp.
4. 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.
5. Close the troffer door.
6. Turn on the power at the circuit breaker.



Manufactured by:  
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Distributed by:  
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Florence, Alabama