

# Replace T5 – T8 – T12

LED Luminaire and Retrofit Kits

# LMK - LED LINEAR LIGHTING

Lowest Cost - Highest LPW and Fastest Install



See [www.ledstick.net/Resources](http://www.ledstick.net/Resources) for additional Dimming and Non-dimming options.

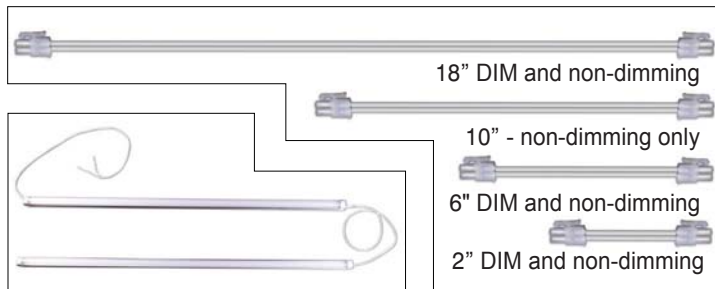
Remove the DIM for non-dimming model numbers

Existing Fixture		LMK Internal Driver	Delivered Lumens	Watts
<b>Strip Fixtures</b>				
4' - 1 Lamp		LMK412-DIM-F-5000K-1	2037	12
4' - 2 Lamp		LMK418-DIM-F-5000K-1	2418	18
8' - 1 Lamp (T12 60W)		LMK412-DIM-F-5000K-2	4019	24
8' - 2 Lamp (T12 60W)		LMK412-DIM-F-5000K-2	4019	24
8' - 2 Lamp (T8 or T12/75W)		LMK418-DIM-F-5000K-2	5780	36
8' - 2 Lamp (T8 or T12/90W)		LMK422-DIM-F-5000K-2	6671	43
8' - 2 Lamp (T12 110W)		LMK422-DIM-F-5000K-2	6671	43
8' - 2 Lamp (T12 110W)		LMK422HO-DIM-F-5000K-2	7461	47
<b>2x2 Troffers</b>				
2x2 - 2 U-Bend	Prismatic	LMK213-DIM-F-xxxxK-2	3357	24
2x2 - 2 Lamp	Prismatic	LMK213-DIM-F-xxxxK-2	3357	24
2x2 - 2 U-Bend	Parabolic	LMK213-DIM-F-xxxxK-3	5031	36
2x2 - 3 Lamp	Parabolic	LMK213-DIM-F-xxxxK-3	5031	36
<b>1x4 Troffers</b>				
1x4 - 1 Lamp	Prismatic	LMK412-DIM-F-xxxxK-1	2495	18
1x4 - 2 Lamp	Prismatic	LMK418-DIM-F-xxxxK-1	2495	18
<b>2x4 Troffers</b>				
2x4 - 2 Lamp	Prismatic	LMK418-DIM-F-xxxxK-1	2495	18
2x4 - 3 Lamp	Prismatic	LMK418-DIM-F-xxxxK-2	4989	36
2x4 - 4 Lamp	Prismatic	LMK418-DIM-F-xxxxK-2	4989	36
2x4 - 4 Lamp	Prismatic	LMK412-DIM-F-xxxxK-2	3380	24

F=Frosted C=Clear Lens XXXX=Kelvin, E = 1, 2, 3, 4, 6 or 8 Lights	Kelvin^	0-10VDC Dimming	Watts	Frosted Single Lamp Lumens/ LPW (5000K)	Clear Single Lamp Lumens/ LPW (5000K)
LMK209-F-XXXX-E DLC 5.0	3500, 4000, 5000K	No	9	1529/166	
LMK213-DIM-F-XXXX-E	3500, 4000, 5000K	Yes	13	1902/164	
LMK409-F-XXXX-E DLC 5.0	3500, 4000, 5000K	No	9	1568/171	
LMK412-DIM-F-XXXX-E Non DIM 5.0	3500, 4000, 5000K	Yes	12	2037/170	
LMK418-DIM-F-XXXX-E Non DIM 5.0	3500, 4000, 5000K	Yes	18	2879/162	
LMK422-DIM-C/F-XXXX-E Non DIM 5.0	4000, 5000K	Yes	22	3339/158	3784/172
LMK422HO-DIM-C/F-XXXX-E Non DIM 5.0	4000, 5000K	Yes	24	3784/161	4152/179



Burnsville Warehouse – LM Clip Only Screwed to the Beam



▲ LMK with Power whip and 18" Jumper

▲ Jumper Whips



LMK Non-Dimming Connector



Magnetic Clip Mount

**LEDSTICK**  
COMPANY  
**(888) 927-4LED**  
[www.ledstick.net](http://www.ledstick.net)

LED Stick Company recommends Transient Voltage Surge Suppression (TVSS) on circuits controlling LED lighting. See manufacturer's warranty for details. Always check for an Open Neutral. Voltage on the neutral is dangerous and can cause LED failure and void the warranty. LMK maximum linked/connected load is 4.5 Amps. Maximum 0-10VDC dimming control is 26 lumenaire. Dimming control is 10-100% Magnetic mounting only allowed when being installed behind a lens or in a vapor tight



LMK product worldwide is manufactured by Hangzhou LMenergysolution Lighting Co. LTD. U.S. Patent Number: 9046244 / 9322532

# FOR COMMERCIAL AND INDUSTRIAL APPLICATIONS

Retrofit: 1x4, 2x2 and 2x4 Troffers, 1x4 and 1x8 Strip Fixtures, and T8/T5 High Bays

## DLC Listed For:

- Direct Linear Ambient Luminaire
- Retrofit Direct Linear Ambient Luminaire
- Troffer Linear Retrofit
- High Bay Retrofit

## Dimension & Weight:

2' – 22.56 (L) 1.31 (W) 1.44 (H) 6 oz.  
4' – 44.56 (L) 1.32 (W) 1.44 (H) 9 oz.

## Construction:

Aluminum Extrusion and Polycarbonate Lens

**Environment:** Indoor/Outdoor – IP51 -Damp

**Kelvin:** 3500K, 4000K and 5000K

**CRI:** 80+

**Operating Temperature:** -20 to 50°C (-4 to 122°F)

**Rated Life @ 55°C:** >65,000 hours

**Lumen Maintenance @ 55°C:** 98.89%

**THD:** <15%    **Max Connected Load:** 4.5 Amps

**Power Factor:** >0.98

**Input Voltage:** 120 - 277VAC

**Beam Angle:** 120°

## LMK - 8' Strip Fixture Retrofit

No lamp holder rewire required



1 – Remove belly pan cover and connect LMK power whip to incoming power. For DIM, connect 0-10VDC dimming wire.



2 – Replace belly pan cover and use self-tapping screws to secure two LMK clips per 4' light.



3 – Magnet clips that come on each LMK may only be used when installed behind a lens or cover.



4 – Plug in the power whip and snap LMK #1 into the two LMK clips.



5 – Connect a 6" jumper to the end of LMK #1.



6 – Connect the 6" jumper from LMK #1 to LMK#2 and snap LMK#2 into the two LMK clips.



7 – If more than one is strip is connected end-to-end, continue to us 6" jumpers to connect additional LMKs.

A maximum of 4.5 amps on a single power whip. This equals 26-LMK418 on a 110V and 69-LMK418 on a 277V circuit.

The DIM power whip and jumpers have 4-wires – Hot (dashed lines), Neutral (white), Dim + (purple) and Dim – (gray). Maximum number of connected LMK 0-10VDC dimming - 24

The non-dimming power whip and jumpers only have Hot and Neutral.



DIM - 4-Wire Connector

### 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

White Neutral    Dashed Black Hot    Gray 0-10VDC (-)    Purple 0-10VDC (+)

