Troffer Retrofit Kit
Direct Linear Ambient Luminaire

7-Year Warranty

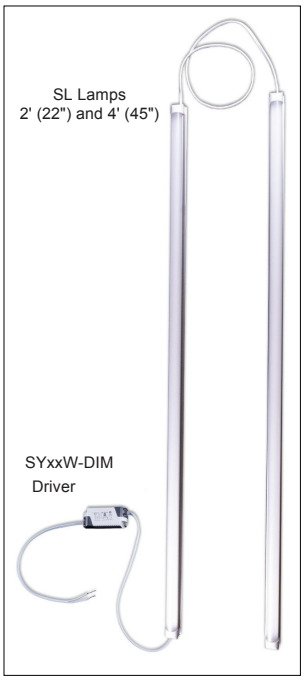
LMX - LED Linear Lighting

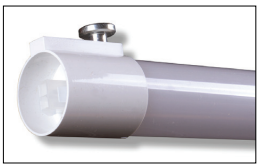
Compare to CREE UR Series and Everline LRK Series

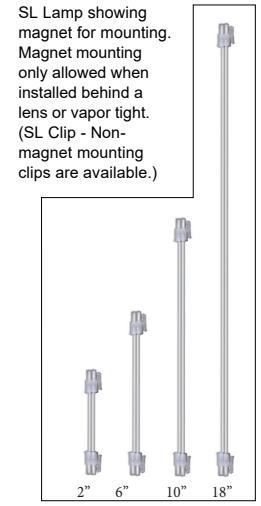
DLC LISTED

DLC 5.1

Existing Fixture	Lens	DLC 5.1 Model Number	Delivered Lumens	Watts
2x2 Troffers - No Lamp Holder Rewiring Required				
2x2 - 2 U-Bend	Prismatic	SY18W-DIM-2-SL2080-F-xxxxK-T	2413	19
2x2 - 2 Lamp	Prismatic	SY18W-DIM-2-SL2080-F-xxxxK-T	2413	19
2x2 - 2 U-Bend	Parabolic	SY18W-DIM-3-SL2080-F-xxxxK-T	2514	19
2x2 - 3 Lamp	Parabolic	SY18W-DIM-3-SL2080-F-xxxxK-T	2514	19
1x4 Troffers - No Lamp Holder Rewiring Required				
1x4 - 2 Lamp	Prismatic	SY18W-DIM-1-SL4100-F-xxxxK-T	2431	18
1x4 - 2 Lamp	Prismatic	SY21W-DIM-1-SL4100-F-xxxxK-T	2746	22
2x4 Troffers - No Lamp Holder Rewiring Required				
2x4 - 2 Lamp	Prismatic	SY18W-DIM-1-SL4100-F-xxxxK-T	2415	19
2x4 - 3 Lamp	Prismatic	SY32W-DIM-2-SL4100-F-xxxxK-T	4274	32
2x4 - 4 Lamp	Prismatic	SY36W-DIM-2-SL4100-F-xxxxK-T	5015	37
2x4 - 4 Lamp	Prismatic	SY32W-DIM-2-SL4100-F-xxxxK-T	4274	32
2x4 - 4 Lamp	Prismatic	SY24W-DIM-2-SL4100-F-xxxxK-T	3272	24
2x4 - 3 Lamp	Parabolic	SY27W-DIM-3-SL4100-F-xxxxK-T	3807	27
Strip Fixtures - No Lamp Holder Rewiring Required				
4' - 1 Lamp		SY12W-DIM-1-SL4100-F-5000K	1962	12
4' - 2 Lamp		SY18W-DIM-1-SL4100-F-5000K	2759	18
8' - 1 Lamp		SY18W-DIM-2-SL4100-F-5000K	2933	18
8' - 2 Lamp (T12 60W)		SY24W-DIM-2-SL4100-F-5000K	4100	26
8' - 2 Lamp (T8 or T12/75W)		SY326W-DIM-2-SL4100-F-5000K	5214	33
8' - 2 Lamp (T8 or T12/75W)		SY36W-DIM-2-SL4100-F-5000K	5683	37
8' - 2 Lamp (T8 or T12/90W)		SY42W-DIM-2-SL4100-F-5000K	6429	43
8' - 2 Lamp (T12 110W)		SY42W-DIM-2-SL4100-F-5000K	6429	43
8' - 2 Lamp (T12 110W)		SY48W-DIM-2-SL4200-F-5000K	7608	49







2" or 6" jumpers for 8' strip fixtures, and 10" or 18" for 2x4 troffer retrofits

Additional DLC 5.1 listed model numbers are available a www.designlights.org

Product Description

The LMX Series includes 2' and 4' LED luminaries that deliver from 1100 to 7600 lumens of enhanced spectrum 80+ CRI light while delivering over 169 lumens per watt at the system level. DLC 5.1 listing categories include: Direct Linear Ambient Luminaires (strip fixtures), and retrofit for 2x2, 1x4 and 2x4 troffers. Available color temperatures include 3500K, 4000K and 5000K. The LMX Series is simple to install using the included magnetic mounting system (when behind a lens or vapor tight). Screw mounted SL Clips are available at no charge. In addition to the DLC 5.1 dimming drivers, DLC 5.0 listed non-dimming drivers are available.

Specifications

Efficacy: Up to 169 LPW 1100 - 7600 lumens

Dimming Protocol - 0-10VDC with 1VDC Cut Off

Drivers: 9 – 48 watts **FCC:** Meets Standards

CRI: 80+

CCT: 3500, 4000 and 5000K

Input Voltage: 120 – 277 VAC

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

Rated Life @ 55°C: >65,000 hours

Max Watts Per Light - SL2080: 13W SL4100- 24W

Mounting: Existing dry or damp rated fixture

Model numbers are a combination of the external driver model number (SYxxW) and lamps (SL2080 or SL4100-F-xxxxK)
DLC 5.1 model numbers include DIM - SYxxW-DIM. DLC 5.0 listed models do not have the DIM.
DIM and non DIM drivers: SY09W, SY12W, SY18W, SY21W, SY24W, SY27W, SY32W, SY36W, SY42W & SY48W
SL Lamps: 2080 (22") and 4100 (45"). xxxx in the model number represent the Kelvin temperature (3500, 4000 or 5000K)
Example: SY36W-DIM-2-SL4100-F-5000K is a dimming 36 watt driver and 2 - 5000K 4' lamps

LEDSTICK COMPANY
(888) 927-4LED
www.ledstick.net

7 Year Non-Prorated Warranty

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.

LMenergysolution

SY Drivers and SL LED Linear Lamps worldwide are manufactured by Hangzhou LMenergysolution Lighting Co. Ltd.

Fast and Simple Troffer Retrofit

No lamp holder rewiring required

LEDSTICK COMPANY

1

Remove lamps and if required by location code or utility, the ballast.

2

Connect SY drive to incoming power. The driver attaches to the fixture with magnets.

3

Plug the jumper from the driver into SL lamp #1. Use a 10" or 18" jumper to connect SL lamp #1 to SL lamp #2. The SL lamps attach to the fixture with magnets.

4

Position the lamps in the fixture.

5

Replace the ballast cover.