

**LED LENSED RETROFIT KIT**  
LRK SERIES



**PRODUCT DESCRIPTION:**

Maxlite's innovative Lensed retrofit kit series offer service professionals an economical solution to safely upgrade and can be retrofitted into most existing troffers in just about 10 minutes. The edge-lit LED light source emanates the perfect ambience into the environment.

**FEATURES:**

- Quick Installation of Lensed Retrofit Kit in existing luminaire without the need to break the ceiling plenum.
- Edge-Lit LED light source hence very thin profile.
- True to Life Color Rendering CRI of 83
- Custom CCTs available upon request, please contact your MaxLite sales representative for quotations
- LM-80 chip yields over 100,000 hour L70 lifetime using TM-21 extrapolation

**CONSTRUCTION:**

- Galvanized steel body
- Reflective white finish improves retrofit efficacy
- Standard Dimension for 2x4 & 2x2 Retrofits
- Fits Most of Existing 2x4 Troffer without having to remove the fixture.

**CONTROL:**

LRK Lensed Retrofit Kits are supplied with a 0-10v simple dimming driver Compatible with standard 0-10v dimming controls

**FORM AND FIT:**

MaxLite recommends that a product sample is tested before projects begin to check fit of the retrofit kit. The retrofit kit is designed to fit into most preexisting troffers (lensed and parabolic).

MODEL SELECTION (Full list of order codes on pg. 2)		Typical order example: LRK24D3550			
LRK		D			
FAMILY	SIZE	DIMMABLE	WATTAGE	CCT	OPTIONS
LRK= LED Lensed Retrofit Kit	22= 2'x2' 24= 2'x4'	D= Dimming (0-10V)	23= 23 watts 35= 35 watts	35= 3500K 41= 4100K 50= 5000K	(OMIT)= None 'EM= Emergency Battery

**NOTES:**

1. In the event of a power failure, the battery backup unit switches to emergency mode and operates the fixture for a minimum of 90 minutes
2. 2x2 23W 3500K product is not DLC qualified, all others are DLC Standard

**SPECIFICATIONS:**

**LRK22D2335    LRK22D2341    LRK22D2350    LRK24D3535    LRK24D3541    LRK24D3550**

ITEM	SPECIFICATION	DETAILS					
GENERAL PERFORMANCE	Color Temperature (K)	3500	4100	5000	3500	4100	5000
	Lumens Delivered (lm)	2,459	2,544	2,657	3,670	3,864	4,006
	Efficacy (lm/W)	101	103	109	106	111	115
	Lumen Maintenance (L70)	103,000 hours					
	CRI (Min)	83	83	83	83	83	83
ELECTRICAL	Power Consumption (W)	24.4	24.7	24.5	35.6	34.8	34.7
	Power Factor	> .90%					
	Input Voltage	120V-277V					
PHYSICAL	Dimensions (inches)	21.4" x 21.4" x 2.7"			45.43" x 22.54" x 2.82"		
	Weight	5.51 lbs			9.92 lb		
	Mounting	Lamp Brackets with keyhole			Lamp Brackets with keyhole		
	Ambient Temperature	0°-104°F					
QUALIFICATION	Qualification	UL, FCC, and DLC 4.1 Standard					
	Material Usage	RoHS compliant; no mercury					
	Environment	Indoor					
	Warranty	5 year when installed in accordance with factory supplied instruction manual					

**ORDERING\*:**

ORDER CODE	MODEL	COLOR TEMPERATURE (CCT)	WATTS	SIZE	INPUT VOLTAGE
75418	LRK22D2335	3500K	23	2'x2'	120-277V
75419	LRK22D2341	4100K			
75420	LRK22D2350	5000K			
75448	LRK24D3535	3500K	35	2'x4'	120-277V
75449	LRK24D3541	4100K			
75450	LRK24D3550	5000K			

Lighting layouts and spacing criteria available upon request

\*Please contact your MaxLite representative to order products that don't have order codes listed here.

**DIMMING:**

DIMMING ACCESSORIES	
MANUFACTURER	MODEL
Lutron	NOVA (NFTV or NTFTV)
Lutron	DIVA (DVTV)