

LRK

4' LED Retrofit Kit



MECHANICAL

- Retrofits 4ft fluorescent luminaires to LED
- Fast and easy to install
- No redesign or revised layout needed

OPTICAL

- Diffuser provides broad, even light distribution
- Multiple CCT options with CRI of 82
- Binning maintains color accuracy and consistency

KIT INCLUDES

- LRK24 includes (2) and LRK34 includes (3) EVERLINE® LED lensed modules/light bars
- LED EVERLINE driver (0-10V dimming)
- Wiring, mounting hardware, installation instructions

ELECTRICAL

- Available as 120-277VAC or 347VAC
- Equipped with 0-10V dimmable LED driver to 1%
- LED system efficacies exceeding 120 LPW

CERTIFICATIONS

- UL Classified UL1598C (US & Canada)
- FCC Title 47 CFR, Part 15, Class A
- RoHS Compliant, contains no lead or mercury
- Select models (identified below) are DesignLights Consortium® qualified. Consult www.designlights.org/QPL for details.

WARRANTY

- Seven (7) year limited warranty

ORDERING GUIDE

EXAMPLE: LRK34-30L840-U¹

Series	Lamp & Length	Nominal Lumens ²	CRI (nom.)	Color Temp. ³	Voltage ²
LRK = LED Linear Retrofit Kit	24 = 2L / 4ft 34 = 3L / 4ft	40L = 4,000 43L = 4,300 46L = 4,600 60L = 6,000	8 = 82 (nom.)	30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	U = 120-277VAC 347 = 347VAC

ORDERING NOTES

1. Append catalog number with 00I for single kit package (2 or 3 LED Lensed Modules & 1 LED Driver) or 10C for 10 kit package (LRK24 only) or 06C for 6 kit package (LRK34 only).
2. 40L and 43L lumen packages available for 2-lamp kits only. 40L and 43L are not available in 347V.
3. Only LRK24 in 46L and 60L available in 3000K.

DesignLights Consortium™ QPL Listed Products

Model Number	Model Number	Model Number	Model Number	Model Number	Model Number
LRK24-40L835-U	LRK24-43L850-U	LRK24-60L840-U	LRK34-60L835-U	LRK24-46L850-347	LRK34-46L840-347
LRK24-40L840-U	LRK24-46L835-U	LRK24-60L850-U	LRK34-60L840-U	LRK24-60L835-347	LRK34-46L850-347
LRK24-40L850-U	LRK24-46L840-U	LRK34-46L835-U	LRK34-60L850-U	LRK24-60L840-347	LRK34-60L835-347
LRK24-43L835-U	LRK24-46L850-U	LRK34-46L840-U	LRK24-46L835-347	LRK24-60L850-347	LRK34-60L840-347
LRK24-43L840-U	LRK24-60L835-U	LRK34-46L850-U	LRK24-46L840-347	LRK34-46L835-347	LRK34-60L850-347



PERFORMANCE DATA

	Lumen Package	Input Power (watts)	Input Current			LRK System	
			@ 120V	@ 277V	@ 347V	Delivered Lm (nom.)	LPW
LRK24	40L	29.7	0.25A	0.11A	N/A	3992	134
LRK24	43L	36.4	0.31A	0.13A	N/A	4435	122
LRK24	46L	41.6	0.35 A	0.16 A	0.12 A	5996	144
LRK24	60L	61.6	0.51 A	0.22 A	0.18 A	7960	129
LRK34	46L	40.7	0.34 A	0.15 A	0.12 A	6027	148
LRK34	60L	59.8	0.50 A	0.22 A	0.17 A	8060	135

- Performance data provided at 4000K, multiply lumens and LPW by 1.04 for 5000K or 0.97 for 3500K or 0.95 for 3000K.
- Reference Luminaire testing conducted by NVLAP accredited lab in accordance with IESNA LM-79.
- Consult factory for photometry.
- Application and performance information is subject to change without notification.

OPERATING DATA

L85 Lumen Maintenance:	>60,000 hrs. at 40°C
L70 Lumen Maintenance:*	>140,000 hrs. at 40°C
Min. Starting Temp.:	-30°C (-22°F)
Sound Rating:	Class A
EMI/RFI:	FCC Title 47 CFR, Part 15, Class A
Power Factor:	>0.98
THD:	<20%
Input Power Frequency	50/60 Hz

*Projected per IESNA TM-21. Data extrapolated based on 10,000 hours of LED testing per IESNA LM-80.

COMPONENTS

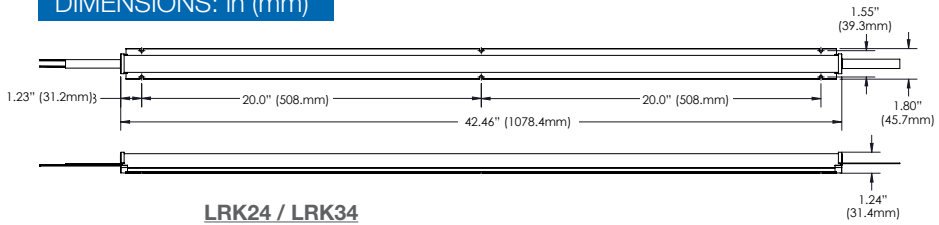
Lm Package	LED Driver	LED Replacement Lamp
40L	D10CC55UNVTZCP71C	LRL14-30L8xx-750C
43L	D10CC55UNVTZCP87C	LRL14-30L8xx-750C
46L	D10CC55yyyTZ-C10C	LRL14-30L8xx-750C
60L	D15CC55yyyTZ-C10C	LRL14-30L8xx-750C

• Where "xx" = 35 (3500K), 40 (4000K), or 50 (5000K) • Where "yyy" = UNV (120-277VAC) or 347 (347VAC)

Applications

- All LED Lensed Modules must be connected for proper operation.
- The standard base model version of this module without Conformal Coating is designed for indoor fixtures in dry applications. Damage caused by corrosion due to moisture, condensation and other harmful elements, is not covered by the warranty.
- Not for use with phase cut dimmers.
- Suitable for 2'x4' with minimum 3" depth, may include a lens, and may be listed for elevated ambients of up to 40°C max in Type Non-IC or up to 25°C max in Type IC.
- Suitable for 4' or 8' strip light, wraparound, and vapor tight (see installation instructions for dimensions and max ambient).

DIMENSIONS: in (mm)



LRK24 / LRK34

Shipping Weight (LRK24): 4.6 lbs.

Shipping Weight (LRK34): 6.2 lbs.