



### 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
- Three 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 100 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](http://www.designlights.org/QPL) for details.

### WARRANTY

- Five year limited warranty

## ORDERING GUIDE

**EXAMPLE:** LRK34-30L840-U<sup>1</sup>

Series	Lamp & Length	Nominal Lumens	CRI (nom.)	Color Temp.	Voltage
LRK = LED Linear Retrofit Kit	24 = 2L / 4ft 34 = 3L / 4ft	46L = 4,600 60L = 6,000	8 = 82 (nom.)	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).

## DesignLights Consortium™ QPL Listed Products

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



## PERFORMANCE DATA

	Lumen Package	Input Power (watts)	Input Current			LRK System		Reference Luminaire	
			@ 120V	@ 277V	@ 347V	Delivered Lm (nom.)	LPW	Delivered Lm (nom.)	LPW
LRK24	46L	42.8	0.36 A	0.16 A	0.13 A	5124	121	4047	95
LRK24	60L	61.8	0.52 A	0.22 A	0.18 A	7010	113	5444	88
LRK34	46L	42.1	0.35 A	0.16 A	0.12 A	5350	127	4221	100
LRK34	60L	60.5	0.50 A	0.22 A	0.17 A	7281	120	5767	95

- Performance data provided at 4000K, multiply lumens and LPW by 1.04 for 5000K or 0.97 for 3500K.
- 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

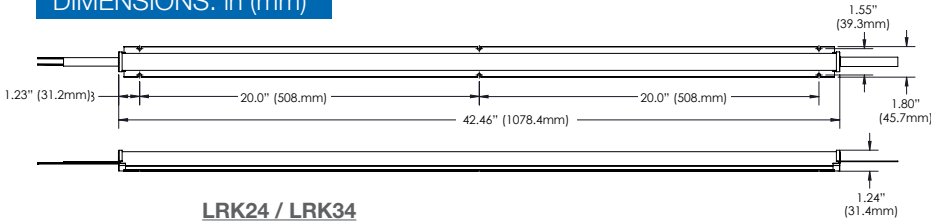
Lm Package	LED Driver	LED Replacement Lamp
46L	D10CC55yyyTZ-C10C	LRL14-30L8xx-750C
60L	D15CC55yyyTZ-C10C	LRL14-30L8xx-750C

• 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.

**LIGHTING FACTS LABELS**

LED **lighting facts**<sup>®</sup>  
A Program of the U.S. DOE

Light Output (Lumens)	5124
Watts	42.12
Lumens per Watt (Efficacy)	121.65

Color Accuracy	82
Color Rendering Index (CRI)	

**Light Color**  
Correlated Color Temperature (CCT) **4000 (Bright White)**

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the *Label Reference Guide*.

Registration Number: G8G5-ROCTE2 (4/2/2015)  
Model Number: LRK24-46L840-U  
Type: Lamp - Linear

**LRK24-46L840-U**

LED **lighting facts**<sup>®</sup>  
A Program of the U.S. DOE

Light Output (Lumens)	7010
Watts	61.765
Lumens per Watt (Efficacy)	113.49

Color Accuracy	82
Color Rendering Index (CRI)	

**Light Color**  
Correlated Color Temperature (CCT) **4000 (Bright White)**

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

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Registration Number: G8G5-AYLVR5 (4/2/2015)  
Model Number: LRK24-60L840-U  
Type: Lamp - Linear

**LRK24-60L840-U**