

## LRK

### 2' LED Retrofit Kit



#### MECHANICAL

- Retrofits 2ft 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

- LRK22 includes (2) and LRK32 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

- Seven (7) year limited warranty

## ORDERING GUIDE

EXAMPLE: LRK32-30L840-U<sup>3</sup>

| Series                        | Lamp & Length                  | Nominal Lumens <sup>1</sup>                            | CRI (nom.)    | Color Temp.                            | Voltage <sup>2</sup>           |
|-------------------------------|--------------------------------|--------------------------------------------------------|---------------|----------------------------------------|--------------------------------|
| LRK = LED Linear Retrofit Kit | 22 = 2L / 2ft<br>32 = 3L / 2ft | 23L = 2,300<br>30L = 3,000<br>45L <sup>4</sup> = 4,500 | 8 = 82 (nom.) | 35 = 3500K<br>40 = 4000K<br>50 = 5000K | U = 120-277VAC<br>347 = 347VAC |

### ORDERING NOTES

1. 23L & 30L lumen packages available for 2-lamp kits. 30L & 45L lumen packages available for 3-lamp kits.
2. 23L is not available in 347V.
3. Append catalog number with 00I for single kit package (2 or 3 LED Lensed Modules & 1 LED Driver) or 10C for 10 kit package (LRK22 only) or 06C for 6 kit package (LRK32 only).
4. LRK-32-45L8xx-U rated at max 35°C.

## DesignLights Consortium™ QPL Listed Products

| Model Number   | Model Number   | Model Number     | Model Number     | Model Number     |
|----------------|----------------|------------------|------------------|------------------|
| LRK22-23L835-U | LRK22-30L850-U | LRK32-45L840-U   | LRK32-30L835-347 | LRK32-45L850-347 |
| LRK22-23L840-U | LRK32-30L835-U | LRK32-45L850-U   | LRK32-30L840-347 |                  |
| LRK22-23L850-U | LRK32-30L840-U | LRK22-30L835-347 | LRK32-30L850-347 |                  |
| LRK22-30L835-U | LRK32-30L850-U | LRK22-30L840-347 | LRK32-45L835-347 |                  |
| LRK22-30L840-U | LRK32-45L835-U | LRK22-30L850-347 | LRK32-45L840-347 |                  |



## PERFORMANCE DATA

|       | Lumen Package | Input Power (watts) | Input Current |        |        | LRK System          |     |
|-------|---------------|---------------------|---------------|--------|--------|---------------------|-----|
|       |               |                     | @ 120V        | @ 277V | @ 347V | Delivered Lm (nom.) | LPW |
| LRK22 | 23L           | 21.8                | 0.18 A        | 0.09 A | N/A    | 2674                | 123 |
| LRK22 | 30L           | 31.6                | 0.26 A        | 0.12 A | 0.09 A | 3459                | 109 |
| LRK32 | 30L           | 30.3                | 0.25 A        | 0.11 A | 0.09 A | 3754                | 124 |
| LRK32 | 45L           | 52.9                | 0.44 A        | 0.20 A | 0.15 A | 5568                | 105 |

- 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

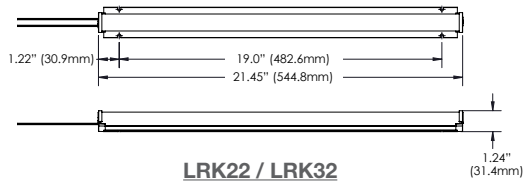
| Lm Package | LED Driver        | LED Replacement Lamp |
|------------|-------------------|----------------------|
| 23L        | D700C30UNVTZCP75C | LRL12-15L8xx-525C    |
| 30L        | D10CC55yyyTZCP72C | LRL12-15L8xx-525C    |
| 45L        | D15CC55yyyTZCP86C | LRL12-15L8xx-525PRM  |

• 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'x2' with minimum 3" height, may be type IC, may include a lens, and may be listed for elevated ambients of up to 40°C max.
- Suitable for 2' or 4' strip light, wraparound, and vapor tight (see installation instructions for dimensions and max ambient).

DIMENSIONS: in (mm)



**LRK22 / LRK32**

**Shipping Weight (LRK22):** 4.1 lbs.

**Shipping Weight (LRK32):** 5.1 lbs.