RK RETROFIT KIT | SIMPLE

RETROFIT KIT

EVERLINE®

LED Retrofit Kit

For Fluorescent Replacement

Universal's EVERLINE® LED Retrofit Kit simplifies the transition from fluorescent to LED. LED technology reduces electrical demand and energy consumption compared to conventional fluorescent lighting systems, and also offers controllability, light uniformity, and less maintenance. Universal's energy-saving and cost-effective EVERLINE® Retrofit Kit converts a 2', 4', or 8' fixture to LED lighting.

Linear fluorescent technology represents an estimated *80%* of the installed equipment and *72%* of total annual energy consumption for commercial lighting making it the perfect candidate to **upgrade to LED with a retrofit**.

Part Number*	Lamps/Kit	Lamp Length	Power (W)	Lumens	CRI	xx/CCT (K)	y/Input Voltage
LRK22 & LRK24: Lighting Retrofit Kits							
LRK22-23L8xx-y	2	2ft	21.6	2441	82	35/3500K, 40/4000K, 50/5000K	U/120-277VAC, 347/347VAC
LRK22-30L8xx-y	2	2ft	31.4	3361	82	35/3500K, 40/4000K, 50/5000K	U/120-277VAC, 347/347VAC
LRK32-30L8xx-y	3	2ft	31.7	3515	82	35/3500K, 40/4000K, 50/5000K	U/120-277VAC, 347/347VAC
LRK32-45L8xx-y	3	2ft	52.9	5568	82	35/3500K, 40/4000K, 50/5000K	U/120-277VAC, 347/347VAC
LRK24-46L8xx-y	2	4ft	42.8	5124	82	35/3500K, 40/4000K, 50/5000K	U/120-277VAC, 347/347VAC
LRK24-60L8xx-y	2	4ft	61.8	7010	82	35/3500K, 40/4000K, 50/5000K	U/120-277VAC, 347/347VAC
LRK34-46L8xx-y	3	4ft	42.1	5350	82	35/3500K, 40/4000K, 50/5000K	U/120-277VAC, 347/347VAC
LRK34-60L8xx-y	3	4ft	60.5	7281	82	35/3500K, 40/4000K, 50/5000K	U/120-277VAC, 347/347VAC

* Where "xx" = 35, 40, or 50. Where "y" = U or 347.

Refer to application and performance specification sheets for current data.

The LED EVERLINE® Retrofit Kit offers premium optical performance using a broad distribution angle to eliminate dark zones and a careful binning process to ensure color accuracy and consistency. Multiple light output options provide up to 7290 lumens per retrofit kit. Correlated color temperature (CCT) options include 3500K, 4000K and 5000K, all with a color rendering index (CRI) of 82 (nominal). And installation is simple, no unusual tools or processes are required.
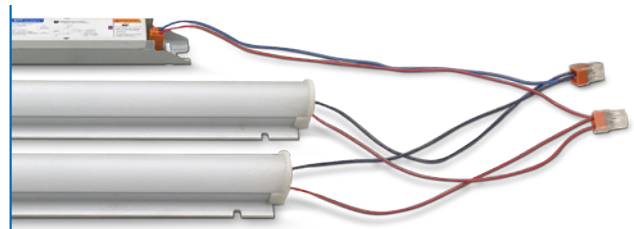
Universal has made it easy to upgrade, qualify for available rebates and comply with energy regulations.

Each EVERLINE Retrofit Kit consists of:
- (2) or (3) LED EVERLINE® Lensed Modules / Light Bars
- (1) LED EVERLINE® Driver (0-10V dimming)
- Wiring Harness
- Installation Hardware
- Simple Installation Instructions

For a list of DesignLights Consortium™ QPL listed products please visit **www.designlights.org/qpl/en/saved/UBU24XJ**

Simple Installation

The EVERLINE® LED Retrofit Kit is fast, lightweight, and easy to install with standard tools and installation practices. In fact, no unusual tools are required. Universal's simple install means you can make the best of your current lighting system because no redesigns or revised ceiling layouts are needed.

Energy Savings

Converting T8 to EVERLINE® LED Retrofit Kit

Fixture	Life (Hours)	Wattage	Cost / Year at $0.12 kWh	Total Energy Cost / Fixture	Savings per Fixture
Retrofit Kit LRK24-60L840-U	140,000+	61.8W	61.8 X 10hrs / day X 365 days / 1,000	$27.07	$11.47
Fluorescent 3x F32T8	30,000	88W	88 X 10hrs / day X 365 days / 1,000	$38.54	—

Operating Data		Additional Specification & Application Data
L85 Lumen Maintenance	>60,000 hrs at 40ºC	UL Classified 1598C
L70 Lumen Maintenance	>140,000 hrs at 40ºC	RoHS compliant (contains no lead or mercury)
Min. Starting Temp.	-30°C / -22°F	LM79 photometry test data available
Sound Rating	Class A	Lumen Maintenance based on LM80/TM-21 test data
Power Factor	>.98	Suitable for indoor locations
THD	<20%	
EMI/RFI	FCC Part 15, Class A	

For nearly every application where considerations include: efficiency, payback, performance and price – Universal's EVERLINE® Retrofit Kit is the simple choice for the best upgrade available.

EVERLINE®

Universal makes it easy to upgrade to LED technology with simple installation and industry leading efficiency with the reliability of our complete in-house design (electronic, thermal and optical) including EVERLINE® "matched" modules and drivers.

CONTROL

ENGINE

OPTICAL

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