LED PRODUCT POCKET GUIDE
A complete range of solutions for nearly every application
We want to make a confession. We like **EASY**.

**Universal’s SOLUTIONS put you in CONTROL.**

Learn more at [https://unvlt.com/products/led-retrofit-kits-luminaires](https://unvlt.com/products/led-retrofit-kits-luminaires) or call 615.316.5322.

**7 YEAR WARRANTY**

**140K+ HOUR LUMEN MAINTENANCE CALCULATED AT L70**

Retrofits constitute a huge market opportunity, particularly moving traditional fluorescent to more efficient LED technology. The energy savings, low maintenance, and controllability of LED is appealing to customers, and Universal offers a variety of options.

We know that over half of all commercial fluorescent lighting fixtures are comprised of recessed troffers. For commercial buildings the energy savings can translate from 15% - 45% savings over conventional systems installed, not to mention the savings from installing a controls scenario.

Universal’s SOLUTIONS put you in CONTROL:

As demand for converting existing fluorescent to LED grows, Universal is pleased to offer you a range of solutions for upgrading fluorescent to LED. Universal’s expanded line now offers an LED retrofit continuum from Tubes (T8 replacement, T5HO replacement, AC Direct) to light engine retrofit (Tube and Driver kits, LED Retrofit Kits) to full luminaire replacements. Universal makes it easy to upgrade to LED technology with reliable performance and our complete in-house design (electronic, thermal and optical) with EVERLINE® “matched” modules and drivers. Every piece of our system is designed to work seamlessly together to provide you with a worry free solution.
### LED INDOOR RETROFIT SOLUTIONS

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### LED OUTDOOR REPLACEMENT LUMINAIRES

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LED T8 TUBE (LT)

Universal’s LED Linear T8 Tubes are ideal for T8 fluorescent lamp replacement – installing directly into existing fixtures that have electronic T8 ballasts. These replacement tubes provide ease of installation, immediate energy savings of 30% or more.

Lamp Type & Length: Linear T8 (2’, 3’ & 4’) and U-Bend
CRI: 82
CCT: 3500K, 4000K, 5000K
Lumens: 1250, 1400, 1450, 1700, 1750, 1800, 2200
Rated Life: L70 @ 50,000 hours
Warranty: 5 years

LED T8 TUBE – COATED (LT)

Universal’s LED Linear T8 Tubes are ideal for T8 fluorescent lamp replacement – installing directly into existing fixtures that have electronic T8 ballasts. These replacement tubes feature PET Coated Construction to protect and contain glass when a tube is broken.

Lamp Type & Length: Linear T8 (4’)
CRI: 82
CCT: 4000K
Lumens: 1800, 2200
Rated Life: L70 @ 50,000 hours
Warranty: 5 years

LED T5HO TUBE (LT)

Universal’s LED Linear T5HO Tubes are ideal for T5HO fluorescent lamp replacement – installing directly into existing fixtures that have electronic T5HO ballasts. These replacement tubes provide ease of installation and immediate energy savings of 50% or more.

Lamp Type & Length: Linear T5 (4’)
CRI: 82
CCT: 4000K, 5000K
Lumens: 3300, 3400
Rated Life: L70 @ 50,000 hours
Warranty: 5 years

For a list of DesignLights Consortium® QPL listed products please visit www.designlights.org/qpl/en/saved/UBU24XJ
LED AC Direct (Bypass) Tubes
Type B
Universal’s EVERLINE AC Direct (Ballast Bypass) Type B LED Tubes feature a dual ended power connection that eliminates the need to replace lampholders during installation. This tube is available in Standard or Premium options.

Lamp Type & Length: Linear T8 (2’ & 4’)
CRI: 82
CCT: 3500K, 4000K, 5000K
Lumens: 1050, 1800, 2200
Efficacy: up to 129 lm/W (Standard) up to 150 lm/W (Premium)
Rated Life: L70 @ 50,000 hours
Warranty: 5 years

Universal’s EVERLINE AC Direct (Ballast Bypass) Type B LED Tubes feature a dual ended power connection that eliminates the need to replace lampholders during installation. These replacement tubes feature PET Coated Construction to protect and contain glass when a tube is broken.

Lamp & Length: Linear T8 (4’)
CRI: 82
CCT: 4000K
Lumens: 1800, 2200
Efficacy: 129 lm/W
Rated Life: L70 @ 50,000 hours
Warranty: 5 years

Universal’s EVERLINE AC Direct (Ballast Bypass) Type B LED Tubes feature a dual ended power connection that eliminates the need to replace lampholders during installation.

Lamp & Length: Linear T5 (4’)
CRI: 82
CCT: 4000K, 5000K
Lumens: 3500
Efficacy: 129 lm/W
Rated Life: L70 @ 50,000 hours
Warranty: 5 years

For a list of DesignLights Consortium® QPL listed products please visit www.designlights.org/qpl/en/saved/UBU24XJ
LED Tube + Driver Kits
Type C
LED T8 TUBE + DRIVER KIT (LT + D)

The EVERLINE LED Tube and Driver Kit is a complete LED solution for linear fluorescent lamp replacement. The kit includes Type C LED T8 Tubes and an external LED EVERLINE Driver making them the ideal replacement solution.

Lamp & Length: Linear T8 (4')
CRI: 82
CCT: 3500K, 4000K, 5000K
Lumens: 2200, 4400, 6600, 8800
Voltage: 120V-277V or 347V
Dimming: 0-10V dimming to 1%
Rated Life: L70 @ 60,000 hours
Warranty: 6 years

LED T8 TUBE + DRIVER KIT – LOW POWER (LT + D)

The EVERLINE LED Tube and Driver Kit is a complete LED solution for linear fluorescent lamp replacement. The kit includes Type C LED T8 Tubes and an external LED EVERLINE Driver making them the ideal replacement solution.

Lamp & Length: Linear T8 (4')
CRI: 82
CCT: 3500K, 4000K, 5000K
Lumens: 1800, 3600, 5400, 7200
Voltage: 120V-277V
Dimming: 0-10V dimming to 1%
Rated Life: L70 @ 60,000 hours
Warranty: 6 years

EMERGENCY DRIVERS

EVERLINE Emergency LED Drivers were designed to meet North American buildings' strict emergency lighting requirements. These drivers offer 90-minute illumination time and integrated NiCad Battery with a wide operating voltage range. Rather than installing separate lighting fixtures, OEMs and contractors can specify EVERLINE Emergency LED Drivers to be installed in LED luminaires that require emergency battery back-up systems.

For a list of DesignLights Consortium® QPL listed products please visit www.designlights.org/qpl/en/saved/UBU24XJ
LED Retrofit Kits
LED RETROFIT KIT – 2 FT (LRK)

EVERLINE LED Retrofit Kits convert 2’ fluorescent luminaires to LED lighting. Everything needed for fast and simple installation with no redesign or revised layout needed.

- **Lamp Type & Length:** Linear 2’
- **Number of Lamps:** 2 or 3
- **CRI:** 82
- **CCT:** 3500K, 4000K, 5000K
- **Lumens:** 2300, 3000, 4500
- **Voltage:** 120V-277V or 347V
- **Dimming:** 0-10V dimming to 1%
- **Rated Life:** L70 @ 140,000 hours
- **Warranty:** 7 years

LED RETROFIT KIT – 4 FT (LRK)

EVERLINE LED Retrofit Kits convert 4’ fluorescent luminaires to LED lighting. Everything needed for fast and simple installation with no redesign or revised layout needed.

- **Lamp Type & Length:** Linear 4’
- **Number of Lamps:** 2 or 3
- **CRI:** 82
- **CCT:** 3000K, 3500K, 4000K, 5000K
- **Lumens:** 4000, 4300, 4600, 6000
- **Voltage:** 120V-277V or 347V
- **Dimming:** 0-10V dimming to 1%
- **Rated Life:** L70 @ 140,000 hours
- **Warranty:** 7 years

LED RETROFIT KIT – HIGH BAY 44 (LRK)

EVERLINE LED Retrofit Kits convert 4’ high bay fluorescent luminaires to LED lighting. Everything needed for fast and simple installation with no redesign or revised layout needed.

- **Lamp Type & Length:** Linear 4’
- **Number of Light Bars:** 4
- **CRI:** 82
- **CCT:** 3500K, 4000K, 5000K
- **Lumens:** 14000
- **Voltage:** 120V-277V
- **Dimming:** 0-10V dimming to 1%
- **Rated Life:** L70 @ 140,000 hours
- **Warranty:** 7 years

LED Retrofit Kits
LED RETROFIT KIT ASSEMBLY (LRA)

The LRA is universally compatible with a variety of fluorescent strip fixtures. The LRA includes (1) or (2) 4’ strip fixture panels with EVERLINE® LED lensed modules and dimming driver pre-mounted. Use the LRA for outdoor applications such as parking garages and canopies.

- **Lamp Length:** Linear 4’
- **Number of Pre-mounted lensed modules:** 1 or 2
- **CRI:** 82
- **CCT:** 3500K, 4000K, 5000K
- **Lumens:** 6000, 4200, 5100, 6000, 7000, 8500, 10000, 115000
- **Voltage:** 120V-277V
- **Dimming:** 0-10V dimming to 1%
- **Rated Life:** L90 @ 60,000 hours
- **Warranty:** 7 years

LED PROFESSIONAL RETROFIT KIT (PRK)

Universal’s LED Professional Retrofit Kit converts fluorescent recessed fixtures to LED. Not only does this provide the energy efficiency of LED, it’s also a great option to refresh the look of an older fixture.

- **Formats:** 1’x4’, 2’x2’ or 2’x4’
- **CRI:** 80+
- **CCT:** 3000, 3500K, 4000K, 5000K
- **Voltage:** 120V-277V or 347V
- **Dimming:** 0-10V dimming
- **Rated Life:** L70 @ 95,000 hours
- **Warranty:** 5 years

LED Sign Retrofits
LED SIGN TUBE (ST)

The EVERLINE® Sign Tube is an LED outdoor replacement solution for T12HO or T8HO lit signs.

**Lamp Length:** Linear 2’ to 10’
**Configuration:** Single or Double Sided
**CRI:** 82
**CCT:** 3500K, 4000K, 5000K
**Lumens:** 1800, 3600, 5400, 7200
**Input Voltage:** 12V
**Efficacy:** 110 lm/ft
**Rated Life:** L80 @ 140,000 hours
**Warranty:** 5 years

LED CHAINS

EVERLINE’s LED chains and drivers offer the ultimate LED solution for an endless array of applications. With the flexibility of a chain and the ease of low voltage wiring, Universal’s LED chains can be applied virtually anywhere 12VDC is available.

**Length:** Use in multiples of 1-100+ modules
**Module/ft:** 2
**CCT:** 3500K, 6500K
**Input Voltage:** 12V
**Efficacy:** 113 lm/W
**Rated Life:** L80 @ 60,000 hours
**Warranty:** 5 years

CORE PRODUCT LINE

Linear Fluorescent - Compact Fluorescent - HID Ballasts

LED Ambient Lighting
LED PROFESSIONAL VOLUMETRIC LUMINAIRE (PLA)

The PLA series is a recessed volumetric LED Luminaire. Designed for the replacement market, the PLA series is easy to install, delivers even illumination and has a clean, modern appearance designed to visually match the Professional Retrofit Kit (PRK).

Formats: 1’x4’, 2’x2’ or 2’x4’
Watts (nom): 33, 36, 46
CRI: 80+
CCT: 3000, 3500K, 4000K, 5000K
Voltage: 120V-277V or 347V
Dimming: 0-10V dimming
Rated Life: L70 @ 90,000 hours
Warranty: 5 years

LED VOLUMETRIC LUMINAIRE (VLA)

The VLA series is a recessed volumetric LED Luminaire. Designed for the replacement market the VLA series is easy to install, delivers even illumination and has a clean, modern appearance.

Formats: 1’x4’, 2’x2’ or 2’x4’
Watts (nom): 24, 32, 35, 45, 48, 57
CRI: 80+
CCT: 3000, 3500K, 4000K, 5000K
Voltage: 120V-277V
Dimming: 0-10V dimming to 1%
Rated Life: L70 @ 85,000 hours
Warranty: 5 years

LED GENERAL PURPOSE LUMINAIRE (GPA)

The GPA series is a recessed prismatic LED Luminaire. Designed for replacement of fluorescent troffer and parabolic style luminaires. The GPA is installer friendly and comes in standard sizes for grid lay-in applications.

Formats: 1’x4’, 2’x2’ or 2’x4’
Watts (nom): 35, 45, 48, 57
CRI: 80+
CCT: 3000, 3500K, 4000K, 5000K
Voltage: 120V-277V
Dimming: 0-10V dimming to 1%
Integrated Occupancy Sensor Option
Rated Life: L70 @ 85,000 hours
Warranty: 5 years

For a list of DesignLights Consortium® QPL listed products please visit www.designlights.org/qpl/en/saved/UBU24XJ
LED WRAPAROUND LUMINAIRE (WRP)

The WRP9 series is an economical, 9 inch wide wraparound fixture for replacement applications.

**Formats:** 2’ or 4’

**Watts (nom):** 28, 48, 56

**CRI:** 80+

**CCT:** 3000K, 3500K, 4000K, 5000K

**Voltage:** 120V-277V

**Dimming:** 0-10V dimming to 1%

**Integrated Occupancy Sensor Option**

**Rated Life:** L70 @ 85,000 hours

**Warranty:** 5 years

LED FLAT PANEL LUMINAIRE (FPL)

The FPL series is a recessed flat panel LED Luminaire. Designed for the replacement market, the Flat Panel Luminaire is easy to install, delivers even illumination and has a clean, modern appearance.

**Formats:** 2’x2’ or 2’x4’

**Watts (nom):** 28, 36, 40, 50

**CRI:** 80+

**CCT:** 3500K, 4000K, 5000K

**Voltage:** 120V-277V

**Dimming:** 0-10V dimming

**Rated Life:** L90 @ 54,000 hours

**Warranty:** 5 years

BT-FMS-A Fixture Controller & Sensor

The Douglas Lighting Controls® Bluetooth® Fixture Controller & Sensor provides automated individual and group control of light fixtures using onboard sensors and Bluetooth technology.

The BT-FMS-A installs easily in compatible Universal EVERLINE® Luminaires to immediately provide bi-level occupancy control with no further configuration needed.

**COMPATIBLE LED FIXTURES**

- EVERLINE LED Vapor Tight Luminare
- EVERLINE LED Industrial Bay Luminare
- EVERLINE LED Linear High Bay Luminare

The Encentivizer Online Rebate Search Tool helps users find cost saving solutions for their lighting projects. This online resource allows end-users to find what rebates may exist in their local market.

The rebate tool, found on the ESCO Support web page, allows users to search by zip code and state and choose a local utility program, to view eligible products. Designed with both the end-user and energy team in mind, the online search tool provides access to over 650 DesignLight Consortium® (DLC®)-qualified products.

Visit www.unvlt.com/support/ESCO-rebates to learn more.

It’s Easy!

1. Enter your zip code or state.
2. Choose your local utility program.
3. View eligible products.
4. Request a quote.

Encentivizer™ is a trademark or registered trademark of Encentiv Energy

For a list of DesignLights Consortium® QPL listed products please visit www.designlights.org/qpl/en/saved/UBU24XJ
Direct Linear Ambient Lighting
The STRP4 series is a 4.25 inch wide LED replacement for linear fluorescent strips. Perfect for any application needing a simple industrial grade strip fixture.

**Formats:** 2’, 4’ or 8’
**Watts (nom):** 18, 24, 28, 35, 48, 57, 70, 97, 114
**CRI:** 80+
**CCT:** 3000K, 3500K, 4000K, 5000K
**Voltage:** 120V-277V
**Dimming:** 0-10V dimming to 1%
**Integrated Occupancy and Daylight Sensor Option**
**Rated Life:** L70 @ 85,000 hours
**Warranty:** 5 years

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**VERTICAL MARKETS**

Universal offers product and support solutions for your LED upgrade across various vertical markets.

**EDUCATION**
Lighting Solutions

**RETAIL**
Lighting Solutions

**HEALTHCARE**
Lighting Solutions

**LED LINEAR HIGH BAY (BLC)**

Universal’s LED Linear High Bay Luminaire is a reliable and robust product. This fixture delivers high lumen output for warehouses, factories, utility areas, etc.

**Formats:** 4’
**Watts (nom):** 65, 90, 130, 180
**CRI:** 80+
**CCT:** 3000K, 3500K, 4000K, 5000K
**Voltage:** 120V-277V or 347-480V
**Dimming:** 0-10V dimming to 1%
**Integrated Occupancy and Daylight Sensor Options**
**Wireless Occupancy and Daylight Sensor Accessory**
**Rated Life:** L70 @ 85,000 hours
**Warranty:** 5 years

**LED INDUSTRIAL BAY (BLI)**

Universal’s LED Industrial Bay Luminaire is a reliable and robust product. This fixture delivers high lumen output for warehouses, factories, utility areas, etc.

**Lumens (nom):** 10K, 15K, 20K, 25K
**CRI:** 85
**CCT:** 4000K, 5000K
**Voltage:** 120V-277V or 347-480V
**Dimming:** 0-10V dimming to 10%
**Rated Life:** L70 @ 170,000 hours
**Warranty:** 5 years

LED Canopy

Universal™
Lighting Technologies
LED VAPOR TIGHT – 4 FOOT (VT)

Universal’s EVERLINE® Vapor Tight is ideal for unforgiving lighting environments. These durable LED fixtures have a fiber-glass reinforced housing which protects the light source and electronics from water, vapor and contaminates.

Formats: 4’
Lumens (nom): 3300, 4000, 5000, 6000, 8000, 10000
CRI: 85
CCT: 3500K, 4000K, 5000K
Voltage: 120V-277V or 347-480V
Dimming: 0-10V dimming to 10%
Rated Life: L70 @ 140,000 hours
Warranty: 5 years

For a list of DesignLights Consortium® QPL listed products please visit www.designlights.org/qpl/en/saved/UBU24XJ
It’s EASY to REACH US...

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Nashville, TN 37214-3683

GENERAL INFO: (615) 316-5100

For Technical Engineering Services (TES), application support and warranty information, call 1-800-225-5278

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