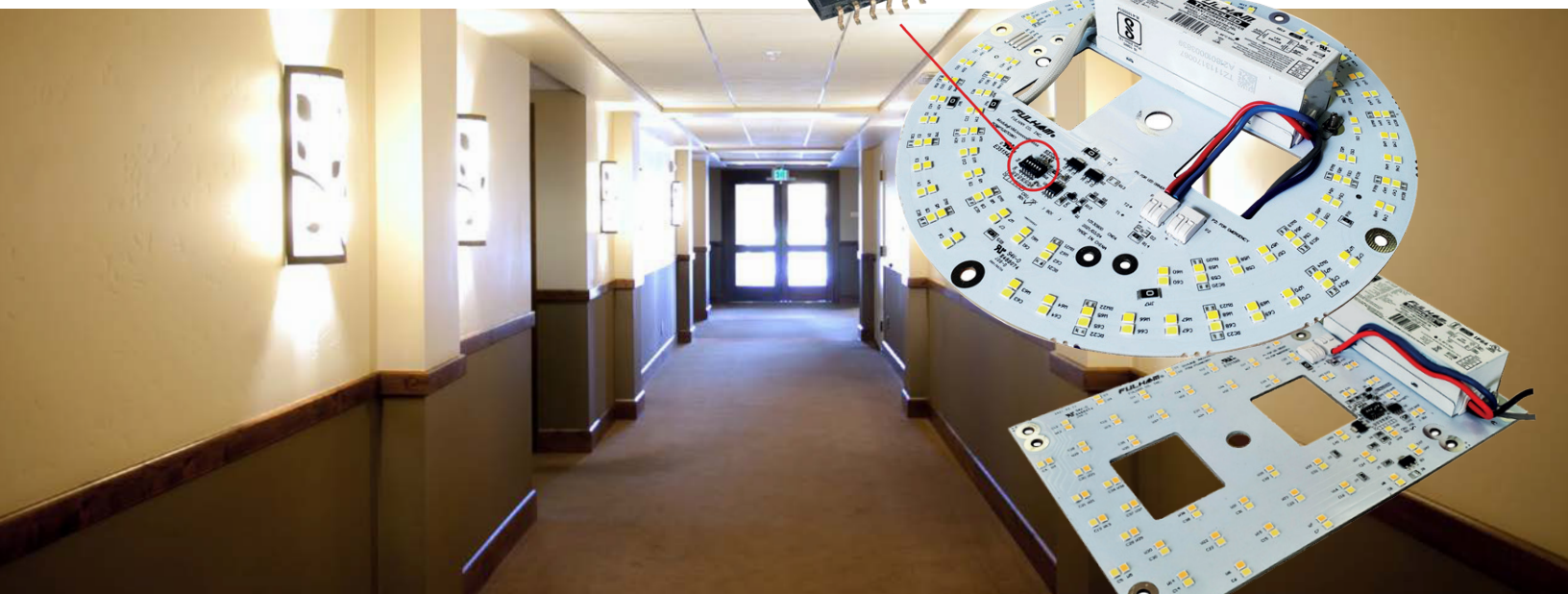


# DC LED Engine Retrofit Kits – CCT Selectable

*Simple, Field-Installable Solutions to Convert Existing Luminaires to LED*



- Dual Channel LEDs, Dip Switch on PCB for six-level CCT selectability: 2700K, 3000K, 3500K, 4000K, 4500K and 5000K
- CRI90 standard; advanced phosphor technology LEDs for superior CRI90 efficacy
- Protect your investment by preserving existing luminaires
- No bulbs to change means lower maintenance costs
- Simple installation can be done in the field in minutes
- Compatible with the Fulham HotSpot LED emergency system
- ENERGY STAR® Luminaire 2.2 Listed and CSD (for rebate programs)
- Kits include installation hardware, required UL Classified labels, and installation instructions

*The next generation of efficient, easy-to-install LED retrofit kits is here. LED Engine Retrofit Kits can provide up to about 150 lm/W and are available in round and rectangular shapes to fit most standard wall- and ceiling-mounted luminaires. These cULus Classified Kits are suited for either field installation or factory retrofits and feature 0-10V dimming and a wide range of CCT options.*

## Specifications

<b>Input Voltage</b>	120~277VAC +/- 10% (50/60Hz)
<b>Operating Temperature Range</b>	-35°C to 60°C / -31°F to 140°F
<b>Lumen Maintenance @105°C</b>	L70= >60,000 hours / L90= 36,000 Hours @Tc max. = 96°C
<b>Dimming Type / Range</b>	0-10V / 100% ~ 10%
<b>Color Consistency</b>	Binning per ANSI C78.377-2015 @25°C; 3 SDCM
<b>HotSpot Emergency Backup</b>	Plug-in connector (Recommended drivers: FHSCP-UNV-10P-L-SD, FHSCP-UNV-5WL, FHSCP-UNV-7.8WL)
<b>Input Surge Test</b>	2.5kV Common and Differential mode (Per ES Ring Wave Test)
<b>Warranty</b>	5 years @ Max. Tc from the date of manufacture
<b>Safety/compliance</b>	cURus (File # E351548, E342838), cULus (File # E365124), RoHS Compliant, ENERGY STAR® Luminaire 2.2 Listed and CSD

## Product Models

Model Number	Number of LEDs	Input Power (W)	Nom. Lum. @4000K/90CRI (lm)	Engine Efficacy @4000K /90CRI (lm/W)	Shape	Dimensions (inches)	ENERGY STAR Listed*	ENERGY STAR CSD*
VKMUNV008RD930A	48 + 48	10	1400	140	Round	7.83 Dia. x 0.92 H	✓	✓
VKMUNV008RT930A	48 + 48	10	1400	140	Rectangular	7.4 L x 4.7 W x 0.92 H	✓	✓
VKMUNV012RD930A	72 + 72	14.5	2160	148	Round	7.83 Dia. x 0.92 H	✓	✓
VKMUNV018RD930A	48 + 48	21	2650	126	Round	7.83 Dia. x 1.18 H	✓	✓
VKMUNV018RT930A	48 + 48	21	2650	126	Rectangular	7.4 L x 4.7 W x 1.18 H	✓	✓
VKMUNV025RD930A	72 + 72	29.5	3730	126	Round	7.83 Dia. x 1.18 H	✓	✓

\* ENERGY STAR designations: Listed = Luminaire 2.2. CSD= Certified Subcomponent Database

## Part Numbering Key

V K M UNV 025 RD 9 30 A

**Shape**  
RD = Round  
RT = Rectangular

**CRI**  
9 = 90

**Color Temperature**  
30 = Factory Default Setting- 3000K (CCT selectable to 2700K, 3000K, 3500K, 4000K, 4500K or 5000K)

**Why Convert to LED?** Retrofitting existing fixtures to efficient LED technology has never been easier.

**ENERGY STAR®** LED Retrofit Kits are ENERGY STAR Luminaire 2.2 listed and included in the ENERGY STAR Certified Subcomponent Database. For information on valuable utility rebate programs, visit [www.fulham.com/utilityrebates](http://www.fulham.com/utilityrebates)

### Installation

Takes a matter of minutes, making Retrofit Kits ideal for high volume projects like hotels and office buildings.

### Maintenance

LED luminaires have a significantly longer lifetime (over 60,000 hours at L70) than fluorescent lamps, reducing the number of lamp changes.

### Safety and Aesthetics

Low profile drivers and smart LED chip placement eliminate shadows on the inside of the luminaire, creating fuller, more even light for increased safety and better aesthetics.

