

DirectAC LED Retrofit Kit Engines

The simple, efficient LED solution for low-profile, dimmable applications



- AC Direct Drive on integrated LED board
- Universal voltage (120-277V) input
- Very low flicker, meets Title 24 requirements
- Smooth TRIAC/ELV dimming down to 10%
- High voltage barrier and 5VA rated lens
- Lower energy costs, longer lifespan than fluorescent
- Standard mounting holes for easy installation
- JA8 Compliant (2700K - 4000K @90CRI)

DirectAC LED Retrofit Kit Engines provide a cost-efficient, reliable solution for wall sconces and ceiling luminaires. These innovative engines eliminate the need for an LED driver, creating a lower profile and simplifying installation. They are available in various power levels from 10-34W, with standard TRIAC/ELV dimming, a range of color temperatures, and CRI up to 90. These cURus and cULus Classified, ENERGY STAR® listed kits include installation hardware and labels, and are suitable for open or fully enclosed luminaires.

Specifications	
Input Voltage	UNV (120-277VAC) 50/60 Hz
Beam Angle	120°
Estimated Lumen Maintenance (L70)	Circular and Rectangular models: L70 > 54,000hrs / L90 = 20,000hrs Linear models: L90 = 35,000hrs
Flicker Percentage	<30%
Operating Ambient Temp. Range (Ta)	-35°C to +50°C
PCB Material / Lens Material	MCPCB (superior thermal management) / Optical Grade Polycarbonate (5VA Flame rated)
Safety/Compliance	cULus Classified (File# E486779), cURus (File# E486778), RoHS Compliant, ENERGY STAR® Luminaire 2.0 Listed and CSD, JA8 Compliant (2700-4000K @90CRI)
Protections	Surge 2.5V Common and Differential mode; Over Temperature Protection
Warranty	5 Years @ Max Tc from the date of manufacture

Product Models								
Model Number	Input Power	Max Lumens @4000K	CRI	Available CCT	Shape	Dimensions (Inches)	ENERGY STAR Listed*	ENERGY STAR CSD*
TJTUNV010AC9xxB	10W	1065	90	Standard options: 2700K, 3000K, 3500K, 4000K Made-to-order: 5000K	Circular	3.11 Dia. x 0.71 H		✓
VJTUNV010LN9xxB05	10W	1087	90		Linear	5.52 L x 2.21 W x 0.67 H		✓
VJTUNV015LN9xxB11	15W	1644	90		Linear	11.03 L x 2.21 W x 0.67 H		✓
TJTUNV015AC9xxB	15W	1680	90		Circular	5.08 Dia. x 0.75 H		✓
TJTUNV015AR9xxB	15W	1725	90		Rectangular	7.40 L x 4.00 W x 0.71 H		✓
TJTUNV023AC9xxB	23W	2540	90		Circular	6.97 Dia. x 0.71 H		✓
VJTUNV030LN9xxB22	30W	3235	90		Linear	22.06 L x 2.21 W x 0.67 H		✓
TJTUNV034AC9xxB	34W	3685	90		Circular	9.55 Dia. x 0.81 H		✓

* ENERGY STAR designations: Listed = Luminaire 2.0. CSD= Certified Subcomponent Database

Part Numbering Key	
V J T UNV 030 LN 9 30 B 22 Shape AC = Circular LN = Linear AR = Rectangular CRI 9 = 90 Color Temperature Standard: 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K Made-to-order: 50 = 5000K	