



JA8-2016



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)
Beam Angle	120°
Estimated Lumen Maintenance (L70)	Round 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, cURus, RoHS, ENERGY STAR Luminaire 2.0 Listed, JA8 Compliant (2700K - 4000K @90CRI)
Protections	Surge 2.5kV; Over temperature control
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*
TJTUNV010ACyxxB	10W	1065	80/90†	Standard options: 2700K, 3000K, 3500K, 4000K Made-to-order: 5000K	Round	3.11 Dia. x 0.71 H		
VJTUNV010LNyxxB05	10W	1087	90		Linear	5.52 L x 2.21 W x 0.67 H	Pending	
VJTUNV015LNyxxB11	15W	1644	90		Linear	11.03 L x 2.21 W x 0.67 H	Pending	
TJTUNV015ACyxxB	15W	1680	80/90†		Round	5.08 Dia. x 0.75 H		
TJTUNV015ARyxxB	15W	1725	80/90†		Rectangular	7.40 L x 4.00 W x 0.71 H		
TJTUNV023ACyxxB	23W	2540	80/90†		Round	6.97 Dia. x 0.71 H		
VJTUNV030LNyxxB22	30W	3235	90		Linear	22.06 L x 2.21 W x 0.67 H	Pending	
TJTUNV034ACyxxB	34W	3685	80/90†		Round	9.55 Dia. x 0.81 H		

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

** Round & Rectangular models: @80CRI; Linear models: @90CRI

† Made-to-order

Part Numbering Key	
V J T UNV 030 LN 9 30 B 22	
CRI ┌ ┐	Color Temperature
Round & Rectangular models Standard: 8 = 80 Made-to-order: 9 = 90	Standard: 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K
Linear models Standard: 9 = 90	Made-to-order: 50 = 5000K

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