



230-277V DirectAC LED Engine Retrofit Kits: CCT (and Power) Selectable *Flexible, Convenient & Fast*



- 230-2770VAC +/-10%, (50/60Hz)
- One Linear & Two Round Models
- 5 CCT choices (2700, 3000, 3500, 4000 or 5000K) via Dip switch on PCB
- Power Selectable 5" Round model (16W or 21W; 21W factory default)
- Leading Edge (TRIAC) or Trailing Edge (ELV) dimmable at 230V and 277V/ 100%~10%
- CRI90 standard; LEDs w/ advanced phosphor technology for superior efficacy
- Compatible with both Fulham's FireHorse 25W and 50W Micro-Inverters
- 5VA flame rated frosted lens included
- L70 => 54,000hrs, L90 = 36,000hrs @ Tc_Module = 95°C
- FCC Part15 Class B, EN55015
- 5 Year Warranty @ Tc 95°C from the date of manufacture

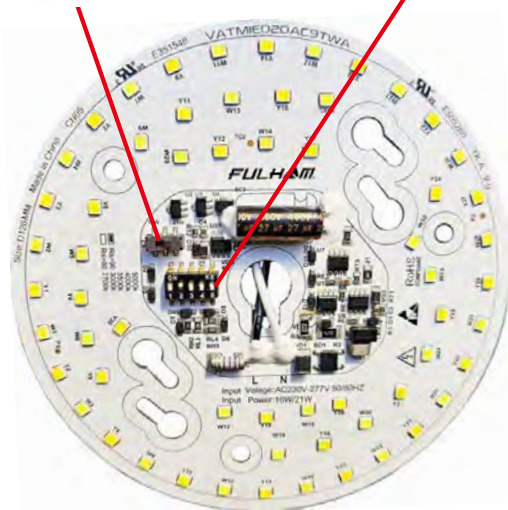
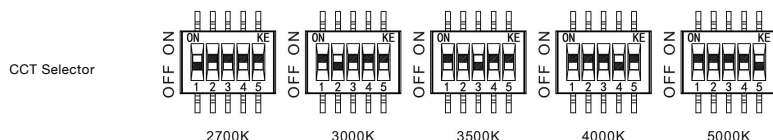
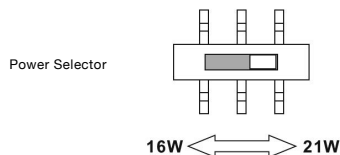
Fulham has expanded its product family again with three new 230-277V DirectAC LED Engine Retrofit Kits suitable for open or fully enclosed luminaires with plastic or glass lenses. All are CCT-Selectable; one is also Power-Selectable. Utilize the frosted lens for diffused light and obscured LEDs. Perfect for many industrial, commercial or school applications requiring 277V!



Power Selector on
higher-powered
Round model



CCT Switch
common to all
models



Specifications

Input Voltage	230-277VAC (+/- 10%), 50/60Hz
Operating Temperature Range	-35°C to 50°C / -31°F to 122°F
Lumen Maintenance	L70= >54,000 hours @ Tc max 105°C / L90= 36,000 hours @ Tc max 95°C
Dimming Type / Range	Leading Edge (TRIAC) or Trailing Edge (ELV) / 100% ~ 10%
Color Consistency (Color Center @ 25°C)	2700K (0.458, 0.410); 3000K (0.431, 0.397); 3500K (0.405, 0.384) 4000K (0.380, 0.372); 5000K (0.345, 0.335), Typ. 3 SDCM, Max. 6 SDCM
Fulham Emergency Backup Options	25W Micro-Inverter FHUPS1-UNV-25L-SD; 50W Micro-inverter FHUPS1-UNV-50L-SD
Input Surge Test	1KV / 2KV combined wave; 2.5KV ring wave
Warranty	5 years @ Max. Tc 95°C (203°F) from the date of manufacture
Safety/compliance	DirectAC Module (without lens): cURus File # E351548 DirectAC Retrofit Kits: cULus Classified File # E365124

Product Models

Model Number	Input Voltage	Input Power (W)	Lumen Output @4000K/90CRI (lm)	Engine Efficacy @4000K /90CRI (lm/W)	Shape	Dimensions (inches)
VJTMIE010AC9TWB	230-277	10	1030@230; 1000@277	103@230; 100@277	Round	3.11"Dia. x 0.71" H
VJTMIE010LN9TWB-06	230-277	10	1030@230; 1000@277	103@230; 100@277	Linear	6.2"L x 2.41"W x 0.665"H
VJTMIE020AC9TWB	230-277	15 or 20	16W: 1695@230; 1545@277 21W: 2260@230, 2060@277	113@230; 103@277 for both wattages	Round	5.12"Dia. x 0.654" H

CSD= Certified Subcomponent Database

Part Numbering Key

V	J	T	MIE010	LN	9	TWB-06
Product Line V = VividHorse	Compliance J= DirectAC Retrofit Kit (cULus Classified)	Dimming T = TRIAC	Input Voltage MIE = 230-277VAC	Estimated or Factory Set Power 010 = 10W 020 = 15 or 20W	Shape AC=Circular LN=Linear	CRI 9 = 90
						Color Temperature TW = 2700-5000K CCT Selectable, Factory Default 3000K
						Length (for Linear Product Only) 06 = 6.2 inches

DirectAC Engine Retrofit Kit includes mounting hardware, retrofit labels, and installation instructions.

FULHAM www.fulham.com

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