



Commerical Double-Ended Ballast Bypass Series-V LED Tube

LINEAR FLUORESCENT RETROFIT LAMP

For: T8 and T12 lamp replacement

The Energy Focus Commercial Double-Ended Ballast Bypass V-Series LED tube (DEBB-V) features a direct-wire installation mode and allows existing tombstones (shunted or unshunted) to be utilized, providing customers with significant savings by reducing the average retrofit installation time. The Commercial DEBB-V does not depend on any ballast to function normally, minimizing points of failure and requiring less maintenance. The Commercial DEBB-V reaffirms Energy Focus' commitment to producing products that are high quality, long-lasting and sustainable.

FEATURES AND BENEFITS

- 150 lm/W efficacy
- Integrated driver, Type-B (Direct-Wire)
- Can utilize existing lampholders
- Double-ended input for simple rewiring and shorter install time
- Bypasses ballast for maximum energy savings
- Flicker-free LED lighting

PRODUCT SPECIFICATIONS

Length	4' version - Meets ANSI Standard
Body	Oval extruded aluminum
Lens	Polycarbonate lens
Connection	Medium bi-pin (G13) end cap
Input Voltage	100-277vac, 50/60hz
Driver	Double-ended (end-to-end) input; integrated LED driver
Available colors	3500K 4000K 5000K
CRI	>80
Dimming	Non-dimmable
Lifetime	L70 ≥ 60,000 hours
Warranty	5-year warranty
Environmental Requirements	Operating temp: -20° to 50°C Storage temp: -30° to 60°C Working humidity: 30% to 85% Storage humidity: 10% to 90% Non-corrosive environments
Power Factor	>0.9
Beam Angle	120°



PRODUCT SPECIFICATION

PART NUMBER	SIZE	NOMINAL POWER	LUMINOUS FLUX	UL PART NUMBER
LEDFLT8-8 XX -411-5DEVF	(48") 4'	11W	1650lm	3BF10116
LEDFLT8-8 XX -415-5DEVF	(48") 4'	15W	2250lm	3BF10156
LEDFLT8-8 XX -420-5DEVF*	(48") 4'	20W	3000lm	3BF10206
LEDFLT8-8 XX -420-5DEV C **	(48") 4'	20W	3000lm	3BF10156

XX refers to the option for 3500K, 4000K or 5000K color temperature. (Replace **XX** with 35, 40 or 50 when selecting).

*Only 4000K available for this model

**3500K is not offered for this model

LINE DIAGRAM

Double-Ended Input

