



## 500D Series LED Tube

### LINEAR FLUORESCENT RETROFIT LAMP

For: T8 and T12 lamp replacement

The Energy Focus 500D Series LED tube utilizes a direct-wire installation mode. The 500D includes circuitry that limits current input and directly connects to the main power, no longer requiring the ballast for normal operation, resulting in lower points of failure and removal of unnecessary hardware. In addition, the 500D Series provides a market surpassing efficacy of 150 lm/W.

### FEATURES AND BENEFITS

- Flicker-free LED lighting
- Non-shunted lamp holder required
- Integrated driver, Type-B (Direct-Wire)
- Replacement of existing tombstones recommended when retrofitting
- Single-ended power; INPUT end is electrically connected, other end has no electrical connections



Must use non-shunted lamp holders

For more information please see Accessories section.

## PRODUCT SPECIFICATIONS

Length	2', 3' and 4' versions. Meets ANSI Standard
Body	Oval extruded aluminum
Lens	Polycarbonate lens
Connection	Medium bi-pin (G13) end cap
Input Voltage	100-277vac, 50/60hz
Driver	Single end power; integrated LED driver
Available colors	3500K 4000K 5000K
CRI	>80
Dimming	Non-dimmable
Lifetime	L70 ≥ 60,000 hours
Warranty	10-year warranty
Environmental Requirements	<b>Operating temp:</b> -20° to 50°C <b>Storage temp:</b> -30° to 60°C <b>Working humidity:</b> 30% to 85% <b>Storage humidity:</b> 10% to 90% <b>Non-corrosive environments</b>
Power Factor	>0.9
Beam Angle	120°



## PRODUCT SPECIFICATION

PART NUMBER	SIZE	NOMINAL POWER	LUMINOUS FLUX	UL PART NUMBER	DLC FAMILY
LEDFLT8-8 <b>XX</b> -207-500F	(24") 2'	7W	1050lm	Same as part number	EAEIHH
LEDFLT8-8 <b>XX</b> -310-500F	(36") 3'	10W	1500lm	Same as part number	N/A
LEDFLT8-8 <b>XX</b> -411-500F	(48") 4'	11W	1650lm	Same as part number	QQQTDR
LEDFLT8-8 <b>XX</b> -415-500F	(48") 4'	15W	2250lm	Same as part number	MMMPDG
LEDFLT8-8 <b>XX</b> -420-500F	(48") 4'	20W	3000lm	Same as part number	RRRTQV
LEDFLT8-8 <b>XX</b> -420-500C	(48") 4'	20W	3000lm	Same as part number	RRRTQK

\*DLC Available in 2' and 4'

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

Also available on our GSA Schedule (Account #47QSWA20D009V)

Buy American Versions of 500D available, please contact Customer Support at 800-327-7877 for more information.

## ACCESSORIES

- Single lampholder, no wires (model no. LEDFLSLH-G13NS-SBOG)
- Pair of two (2) lampholders, one with 3' wires (Model no. LEDFLSLH- G13NS-SNETGW)
- Single lampholder, with 3' wires (Model no. LEDFLSLH-G13NS-SBOGW)

## LINE DIAGRAM

