



## Intellitube®

### LINEAR FLUORESCENT RETROFIT LAMP

For: T8 lamp replacement

Intellitube® is a universal all-in-one lamp that offers both Direct Fit and Direct Wire functions. In Direct Fit mode, it serves as a one-for-one replacement of an existing fluorescent lamp. In the event of a ballast failure, Intellitube® in Direct Wire mode can offer superior efficiency and eliminate the expense of replacing the ballast.

### FEATURES AND BENEFITS

- Quick and simple lighting upgrade
- Direct Wire for highest efficiency and lowest energy cost
- Proprietary Universal Design-Direct Fit or Direct Wire Application
- Direct Fit for plug-and-play replacement of a fluorescent lamp. For ballast compatibility visit [energyfocus.com](http://energyfocus.com)



Must use non-shunted lamp holders in Direct Wire Mode

## PRODUCT SPECIFICATIONS

Length	2' and 4' versions. Meets ANSI standards
Body	Oval extruded aluminum
Lens	Polycarbonate lens
Connection	Medium bi-pin (G13) end cap
Input Voltage	100-277vac, 50/60hz
Driver	Integrated LED driver for Direct-Wire mode or external electronic ballast for Direct-Fit mode
Available colors*	3500K, 4000K, 5000K
CRI	>80
Dimming	Direct Fit: compatible with dimming ballast Direct Wired: 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°

*Direct Wire Mode: LED tube lamp requires single end power only; wiring to one side of the fixture is sufficient. Ensure lamp end labeled "INPUT" is installed to the live circuit and must use non-shunted lamp holders.*



## PRODUCT SPECIFICATION

*PART NUMBER	SIZE	NOMINAL POWER	LUMINOUS FLUX	UL PART NUMBER	DLC FAMILY
LEDFLT8-840-208-IT3F	(24") 2'	8W	1040lm	3AV10086	JJJBBA
LEDFLT8-835-208-IT3C	(24") 2'	8W	1040lm	3AV10086	JJJBBA
LEDFLT8-835-413-IT3F	(48") 4'	13W	1690lm	3AV10136	JJJBGB
LEDFLT8-840-413-IT3F	(48") 4'	13W	1690lm	3AV10136	JJJBGB
LEDFLT8-840-415-IT3F	(48") 4'	15W	2250lm	3AV10156	JJJBHB

*BUY AMERICAN P/N	SIZE	NOMINAL POWER	LUMINOUS FLUX	UL PART NUMBER	DLC FAMILY
LEDFLT8-840-208-IT3BF	(24") 2'	8W	1040lm	3AV10086	JJJBBA
LEDFLT8-840-413-IT3BF	(48") 4'	13W	1690lm	3AV10136	JJJBGB
LEDFLT8-840-415-IT3BF	(48") 4'	15W	2250lm	3AV10156	JJJBHB

*\*Please contact our Customer Support Department for additional part number configurations*

## 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)

## BATTERY PACK COMPATIBILITY

- Energy Focus Emergency Battery Pack in Direct Wire installations (model no. LEDES-PWR25-90M)
- See list for emergency ballast compatibility at [www.energyfocus.com](http://www.energyfocus.com)

## LINE DIAGRAM: Direct-Wire Mode

