

LED T8 - LINEAR REPLACEMENT LAMP
DOUBLE-ENDED POWER 8FT SERIES
UL TYPE-B



FEATURES:

- Wattage: 42W, 8FT, 5300-5500 lumens, replaces 75W fluorescent T12
- Universal Voltage: 120V-277V applications
- Color Rendering Index (CRI): 80
- Beam angle: 330°, uniform light distribution
- THD <20%
- Power factor: ≥ 0.90
- Easy retrofit into most common linear fluorescent fixtures
- Simple ballast bypass, double-ended wiring schematic
- Instant on
- Mercury free and virtually no UV or IR light
- Non dimmable
- Suitable for enclosed fixture
- Suitable for dry and damp locations
- 5 year limited warranty
- Rated Lifetime @ L70: 50,000 Hours
- The following models are DLC listed:
 - L42T8DEFA835-CG
 - L42T8DEFA840-CG
 - L42T8DEFA850-CG

APPLICATIONS:

- General Illumination
- Parking Garage
- Tunnels
- Cove Lighting
- Display Case

MODEL SELECTION (Full list of order codes on pg. 2)		Typical order example: L42T8DEFA835-CG			
L		T8	DE	FA8	
FAMILY	WATTAGE	LAMP TYPE	OPERATION	BASE TYPE	COLOR TEMPERATURE
L= LED Linear	42= 42W	T8= T8 tube	DE= Double-Ended Power	FA8= FA8 Single Pin* R17D= R17D Recessed Double Contact	35-CG= 3500K, Coated Glass Lens 40-CG= 4000K, Coated Glass Lens 50-CG= 5000K, Coated Glass Lens

*Only FA8 items are DLC listed

SPECIFICATIONS:

		L42T8DEFA8XX-CG	L42T8DER17D8XX-CG
ITEM	SPECIFICATION	8FT - DETAILS	
GENERAL PERFORMANCE	Power Consumption (W)	42W	
	Lumens Delivered (lm)	5300-5500	
	Efficacy	≥130 lm/w	
	CRI	80	
	Beam Angle	330°	
	Color Temperature (CCT)	3500K, 4000K, 5000K	
	Lumen Maintenance (L70)	50,000 Hours	
ELECTRICAL	Power Factor	≥ 0.90	
	Input Voltage	120V-277V, 50/60 Hz	
PHYSICAL	Operating Temperature	-4°F to 113°F	
	Dimension (MOL" x W")	94.00" x 1.140"	
	Lens	Coated Glass	
CERTIFICATION	Certification	DLC Listed, cULus Classified, ETL Sanitation	cULus Classified, ETL Sanitation
	Material Usage	RoHS compliant; no mercury	
	Environment	Dry & Damp, Enclosed Fixtures	
	Warranty	5 Years	

Lighting layouts and spacing criteria available upon request

ORDERING:

	ORDER CODE	MODELS	DLC PRODUCT ID	WATTAGE	LUMENS (lm)	EFFICACY (lm/W)	COLOR TEMPERATURE (CCT)	CASE QTY
FA8	102740	L42T8DEFA835-CG	PL1EBR6VAQBA	42W	5,300	130	3500K	10 pcs
	102744	L42T8DEFA840-CG	PL3OSMMJ6649		5,400		4000K	
	102745	L42T8DEFA850-CG	PLR81FXQOBID		5,500		5000K	
R17D	102746	L42T8DER17D835-CG	N/A		5,300		3500K	
	102747	L42T8DER17D840-CG	N/A		5,400		4000K	
	102748	L42T8DER17D850-CG	N/A		5,500		5000K	