



PART NUMBER:	DATE:
PROJECT #:	TYPE:
PREPARED BY:	

PART NUMBER:

FLED12T8/8**DR/2FT

12W T8 DIRECT REPLACEMENT LAMPS

Fusion Direct Replacement T8 LED lamps are an easy-to-install option which convert your existing linear fixtures from fluorescent to LED. Save in excess of 35% in energy costs after making the switch. With a 50,000 hour rated life and 5 year warranty these reduce the expense of replacement labour and maintenance in a variety of linear fluorescent fixtures with compatible instant start ballasts.

FEATURES & BENEFITS:

- DLC V4.4 Listed
- PET-Glass Shatter Resistant Design
- RoHS Compliant
- 5 Year warranty
- >50,000 Hour Long Life
- Retrofit into existing fluorescent T8 fixtures with compatible instant start ballasts*
- Removes the need for re-wiring and maintains fixture's UL and/or CSA compliance
- Instant on, no flicker
- Contains no mercury or lead
- Exceptional heat control as a result of Fusion LED thermal management

APPROVALS



KELVIN (CCT):

- 3000K** 830
- 3500K** 835
- 4000K** 840
- 5000K** 850

APPLICATIONS:

- Offices & Commercial Buildings - Ambient Lighting, Task Lighting, etc.
- Malls and Retail Stores - Ambient lighting etc.
- Hotels - Ambient lighting, etc.
- Sports & Recreational Facilities - Ambient Lighting
- Warehouses and Industrial Complexes - Ambient lighting, etc.

ORDERING INFORMATION:

PART NUMBER	DESCRIPTION	CASE QTY	CASE DIMENSIONS	CASE WEIGHT
FLED12T8/830DR/2FT	12W T8 2FT LED TUBE 3000K DIRECT REP.	25	665 x 185 x 185 mm - 26.3 x 7.3 x 7.3 in	3.8 kg - 8.4 lbs
FLED12T8/835DR/2FT	12W T8 2FT LED TUBE 3500K DIRECT REP.	25	665 x 185 x 185 mm - 26.3 x 7.3 x 7.3 in	3.8 kg - 8.4 lbs
FLED12T8/840DR/2FT	12W T8 2FT LED TUBE 4000K DIRECT REP.	25	665 x 185 x 185 mm - 26.3 x 7.3 x 7.3 in	3.8 kg - 8.4 lbs
FLED12T8/850DR/2FT	12W T8 2FT LED TUBE 5000K DIRECT REP.	25	665 x 185 x 185 mm - 26.3 x 7.3 x 7.3 in	3.8 kg - 8.4 lbs

OPERATING SPECIFICATIONS:

PART NUMBER	AVG SYST WATTS*	INITIAL LUMENS* (lm)	EFFICACY lm/W	CCT	CRI	RATED LIFE	WARRANTY	BALLAST FACTOR*
FLED12T8/830DR/2FT	12	1350	110	3000K	83 Ra	50,000 hrs	5 Years	0.88
FLED12T8/835DR/2FT	12	1350	110	3500K	83 Ra	50,000 hrs	5 Years	0.88
FLED12T8/840DR/2FT	12	1380	110	4000K	83 Ra	50,000 hrs	5 Years	0.88
FLED12T8/850DR/2FT	12	1420	110	5000K	83 Ra	50,000 hrs	5 Years	0.88



ELECTRICAL SPECIFICATIONS:

PART NUMBER	LAMP WATTS	LAMP OPERATING VOLTAGE	LAMP OPERATING CURRENT(mA)	OPERATING FREQUENCY	POWER FACTOR	DRIVER
FLED12T8/8**DR/2FT	12	120-277	150	60Hz	>0.95*	Integral

* NOTE: ballast dependant

PHYSICAL SPECIFICATIONS:

PART NUMBER	LAMP STYLE	BULB FINISH	BASE	MAX OVERALL LENGTH (MOL)	MAX OVERALL DIA. (MOD)	WEIGHT	OPERATING TEMP.	STORAGE TEMP.
FLED12T8/8**DR/2FT	T8 LINEAR	PET-GLASS SHATTER RESISTANT	G13	604 mm - 23.8 in	27.9 mm - 1.1"	0.3 lbs - 0.15 kg	-20°C / 45°C	-20°C / 65°C <@ 95%RH

* NOTE: Physical specifications are the same for all colour temperatures

