

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

PART NUMBER:

# FFC12T5/8\*\*

## 40W T5 Circline Lamp

Fusion T59 Circline Fluorescent Lamps provide the efficiency of fluorescent technology in recessed, surface mounted and specialty fixtures. The 12,000 + hour lifetime of these lamps far outlast all standard equivalents, saving you money on replacement labour and maintenance costs. These lamps save up to 75% in energy costs of the equivalent wattage standard lamps, for significant cost savings, and lower maintenance lighting solutions.



**FEATURES & BENEFITS:**

- Long Life – 12,000+ Hour lamp life
- Save on re-lamping and replacement costs
- High CRI - Excellent colour rendering for improved visual impact
- Wide Range of Colour Temperatures - Light your space to suit your ambience
- Instant Start - No warm-up time, and flicker-free operation
- TCLP Compliant
- High Lumen Output
- Fully Dimmable
- 1 Year Warranty
- Benefits a cleaner environment

**AVAILABLE TYPES:**

- 22W FFC9T5 830/835
- 40W FFC12T5 830/835
- 55W FFC12T5HO 830/835

**APPLICATIONS:**

- Commercial: Offices & Hospitals – Ambient Lighting, Recessed Lighting, etc.
- Retail: Malls, Shopping Centers, Stores, etc.
- Hospitality: Restaurants, Hotels, etc.
- Recreational: Sports Facilities, Gymnasiums, etc. - Recessed Lighting

**APPROVALS**



**ANSI CODE**

C78.81-2001

**KELVIN (CCT):**

- 3500K** 835
- 4100K** 841

**ORDERING INFORMATION:**

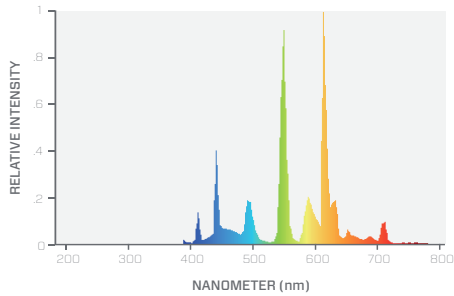
PART NUMBER	DESCRIPTION	CASE QTY	CASE DIMENSIONS	CASE WEIGHT
FFC12T5/835	40W T5 Circline Lamp	10	260 x 337 x 324 mm - 10.25 x 13.25 x 10.25 in	2.5kg - 5.5lbs
FFC12T5/841	40W T5 Circline Lamp	10	260 x 337 x 324 mm - 10.25 x 13.25 x 10.25 in	2.5kg - 5.5lbs

**OPERATING SPECIFICATIONS:**

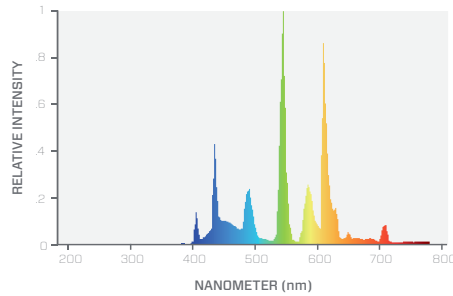
PART NUMBER	LAMP WATTS	NOMINAL VOLTAGE	INITIAL LUMENS	MEAN LUMENS	EFFICACY	RATED LIFE (HOURS)	CCT	CRI	WARRANTY
FFC12T5/835	40W	126V	3300 lm	3036 lm	83 lm/W	12,000 hrs	3500K	82+ Ra	1 Year
FFC12T5/841	40W	126V	3300 lm	3036 lm	83 lm/W	12,000 hrs	4100K	82+ Ra	1 Year

OPERATING SPECIFICATIONS:

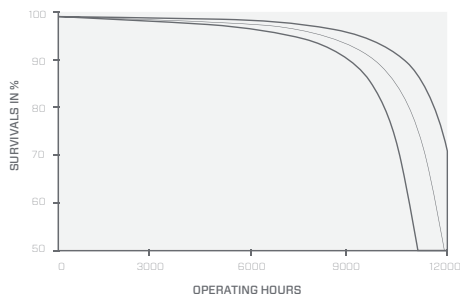
1.1 - SPECTRAL POWER DISTRIBUTION - 3500K (835)



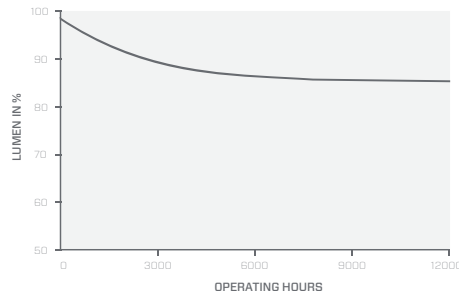
1.2 - SPECTRAL POWER DISTRIBUTION - 4100K (841)



2.1 - LIFE EXPECTANCY



2.2 - LUMEN MAINTENANCE



ELECTRICAL SPECIFICATIONS:

PART NUMBER	STARTING TYPE	NOMINAL LAMP OPERATING VOLTAGE	NOMINAL LAMP OPERATING CURRENT	OPERATING FREQUENCY	HOT CATHODE RESISTANCE	BALLAST TYPE
FFC12T5/835	Instant	126V	0.32 A	60Hz	12 ± 3.0 Ω	Instant Start
FFC12T5/841	Instant	126V	0.32 A	60Hz	12 ± 3.0 Ω	Instant Start

PHYSICAL SPECIFICATIONS:

PART NUMBER	LAMP STYLE	BASE	PHOSPHOR
FFC9T5/8**	T5 Circline	2GX13	Tri-Phosphor

LAMP DIAMETER	D <sub>i</sub>	D <sub>o</sub>	Ø <sub>tube</sub>
16.0 mm - 0.625"	272.0 mm - 10.75"	305.05 mm - 12.01"	16.0 mm - 0.625"

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

