



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

PART NUMBER:

FCF282D/8**/4P

28W 2D Fluorescent Lamp

Fusion Fluorescent 2D Lamps provide the efficiency of fluorescent technology in recessed, surface mounted and specialty fixtures. The lifetime of these lamps far outlast all incandescent 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
- Dimmable with approved systems
- 1 Year Warranty
- Benefits a cleaner environment

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
- Industrial: Warehousing, Manufacturing Facilities, etc.

APPROVALS



KELVIN (CCT):

3500K 835

4100K 841

ORDERING INFORMATION:

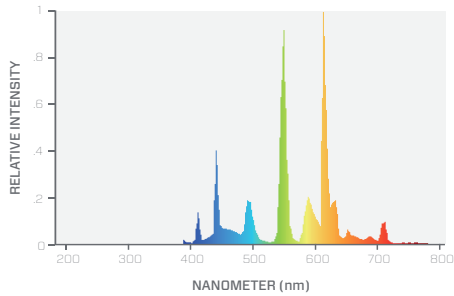
PART NUMBER	DESCRIPTION	CASE QTY	CASE DIMENSIONS	CASE WEIGHT
FCF282D/827/4P	28W 2D Lamp	20	459.7 x 370.8 x 239.7 mm - 18.1 x 14.6 x 9.4 in	4.3kgs - 9.5lbs
FCF282D/841/4P	28W 2D Lamp	20	459.7 x 370.8 x 239.7 mm - 18.1 x 14.6 x 9.4 in	4.3kgs - 9.5lbs

OPERATING SPECIFICATIONS:

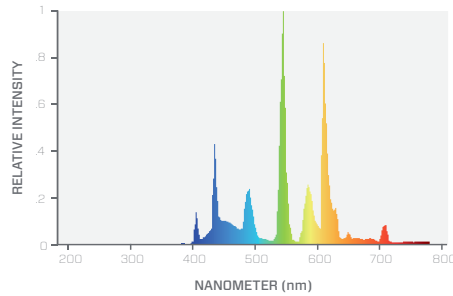
PART NUMBER	LAMP WATTS	NOMINAL VOLTAGE	RATED LUMENS	EFFICACY	RATED LIFE (HOURS)	CCT	CRI	WARRANTY
FCF282D/827/4P	28W	210V	2050 lm	73 lm/W	12,000 hrs	3500K	82+ Ra	1 Year
FCF282D/841/4P	28W	210V	2050 lm	73 lm/W	12,000 hrs	4100K	82+ Ra	1 Year

OPERATING SPECIFICATIONS:

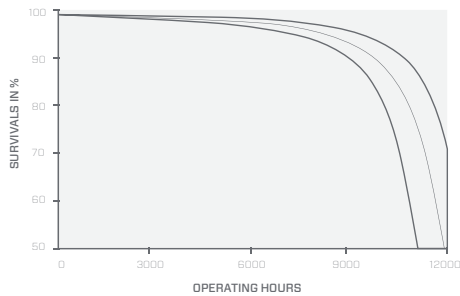
1.1 - SPECTRAL POWER DISTRIBUTION - 3500K (835)



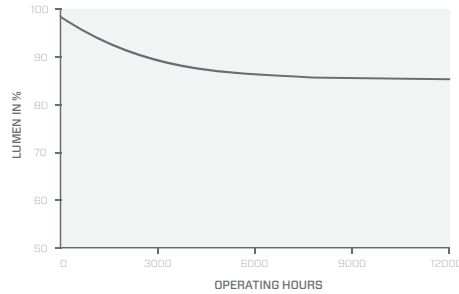
1.2 - SPECTRAL POWER DISTRIBUTION - 4100K (841)



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
FCF282D/827/4P	Instant	108V	320 mA	60Hz	± Ω	Programmed Rapid Start
FCF282D/841/4P	Instant	108V	320 mA	60Hz	± Ω	Programmed Rapid Start

PHYSICAL SPECIFICATIONS:

PART NUMBER	LAMP STYLE	BASE	PHOSPHOR
FCF282D/8**/4P	2D Fluorescent	GR10Q	Tri-Phosphor

A	B	C	D
200 mm - 7.87"	197.0 mm - 7.75"	45.5 mm - 1.79"	18.0 mm - 0.70"

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

