



DULUX® F

Compact Fluorescent Lamps

- Small rectangular surface
- Up to 78 LPW
- 10,000-hours average rated life
- Even light distribution - no dark spots
- 82 CRI
- 3000K and 4100K color temperature

SYLVANIA DULUX® F lamps are similar to DULUX® L lamps, but are more compact and operate on the same ballasts as DULUX L lamps of equivalent wattage.

DULUX F lamps provide the same light output regardless of burning position. They feature a small rectangular surface and a small tube diameter allowing for shallow fixture designs.

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PRODUCT AVAILABILITY		
Lamp Type	Watts	Lumens
CF18DF	18W	1100
CF24DF	24W	1700
CF36DF	36W	2800

SYSTEM COMPARISON

Lamp Type	Ballast Factor	System Watts	System Lumens	No. of lamps	Life (hours)
DULUX F 24w	1.0	26	1700	1	10,000
DULUX S/E 13w	0.95	28	1520	2	10,000
DULUX F 36w	1.0	73	5600	2	10,000
Tungsten Halogen 300w	1.0	300	6000	1	2,000

APPLICATION INFORMATION

Applications

- Wall sconces
- Wall washers
- Tracklighting
- Sign lighting
- Outdoor lighting
- Downlights
- Torchieres
- Backlighting

Application Notes

- DULUX F Ballast Manufacturers***
- Energy Savings
 - Hatch Transformers
 - Magnetek
 - Fulham
 - TCP (dimnable)

US Fixtures Manufacturers*

- Wall sconces
 - EXCELITE
 - VISA
- Torchieres
 - EMESS

Socket Manufacturers*

- A.A.G. Stucchi
- Vossloh-Schwabe
- Triboro

European Fixture Manufacturers*

- Several Fixture Types
 - Disano
 - Kotzolt
 - ERCO
 - Meyer
 - WE-EF
 - Lumina

*Partial listing of manufacturers; contact your supplier for further information.

ORDERING AND SPECIFICATION INFORMATION

Item Number	Ordering Abbreviation	Base	Watts	Volts	Amps	Initial Lumens	Color Temp.	CRI	Av. Rated Life (hrs)*	Luminous Efficacy (lm/W)	Min. Starting Temp. (F/C)	Max. Cap Temp. (F/C)
20551	CF18DF/830	2G10	18	58	.320	1100	3000	82	10,000	61	-22°F/-30°C	284°F/140°C
20552	CF18DF/841	2G10	18	58	.320	1100	4100	82	10,000	61	-22°F/-30°C	284°F/140°C
20553	CF24DF/830	2G10	24	87	.300	1700	3000	82	10,000	71	-13°F/-25°C	284°F/140°C
20558	CF24DF/841	2G10	24	87	.300	1700	4100	82	10,000	71	-13°F/-25°C	284°F/140°C
20559	CF36DF/830	2G10	36	106	.360	2800	3000	82	10,000	78	5°F/-15°C	284°F/140°C
20560	CF36DF/841	2G10	36	106	.360	2800	4100	82	10,000	78	5°F/-15°C	284°F/140°C

* Based on 3 hours per start on preheat ballast

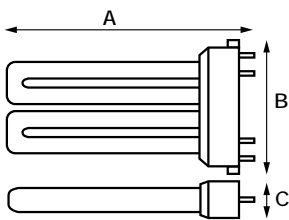
SAMPLE SPECIFICATION

Lamp shall be SYLVANIA DULUX F lamp (CF18DF, CF24DF or CF36DF) with a 2G10 base having a correlated color temperature of (3000K or 4100K) and an 82 CRI.

ORDERING GUIDE

CF	18	DF	/	8	30
Compact Fluorescent	Wattage: 18, 24 and 36 watts	DULUX F F - Flat 4-Pin		8 = 82 CRI	30 = 3000K 41 = 4100K

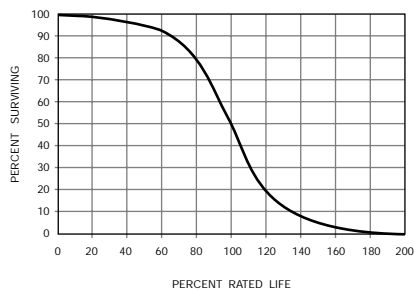
DIMENSIONS



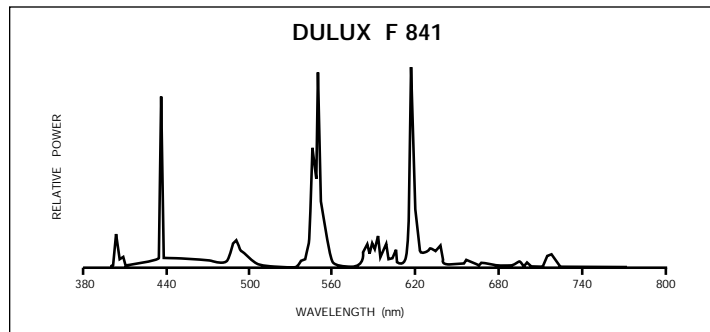
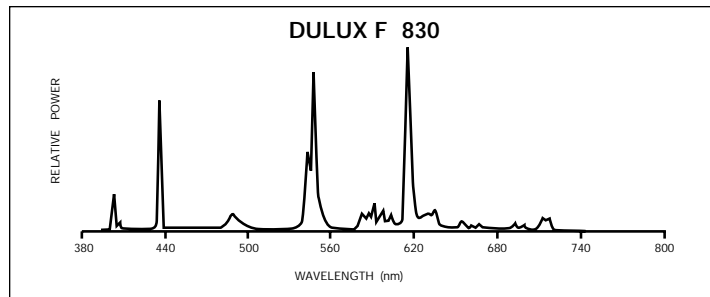
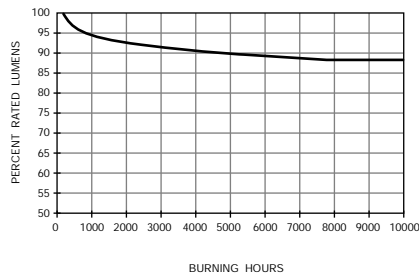
Ordering Abbreviation	(A) MOL [in (mm)]	(B) Max. Width [in (mm)]	(C) Max. Depth (in)	(D) Tube Diameter [in (mm)]
CF18DF/830	4.8 (122)	3.25 (82)	0.9	.69 (17.5)
CF18DF/841	4.8 (122)	3.25 (82)	0.9	.69 (17.5)
CF24DF/830	6.7 (171)	3.25 (82)	0.9	.69 (17.5)
CF24DF/841	6.7 (171)	3.25 (82)	0.9	.69 (17.5)
CF36DF/830	8.5 (217)	3.25 (82)	0.9	.69 (17.5)
CF36DF/841	8.5 (217)	3.25 (82)	0.9	.69 (17.5)

TECHNICAL INFORMATION

Typical Fluorescent Lamp Mortality



Lumen Maintenance Curve DULUX F



FOR ORDERS AND GENERAL INFORMATION

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