

# DULUX® T Compact Fluorescent Lamps

## 2-Pin Compact Fluorescent Lamps



SYLVANIA DULUX T lamps are ideal for low-cost fixtures where shorter overall length and higher lumen packages are required. They are more compact than the 18 and 26 Watt DULUX D lamps.

SYLVANIA DULUX T compact fluorescent lamps are ideal for use in a wide range of residential applications. They are designed to be operated on magnetic ballasts.

SYLVANIA DULUX T lamps are long-life, energy-saving alternatives for incandescent lamps.

### Key Features & Benefits

- Consumes 75% less power than incandescent of comparable light output
- Passes Federal TCLP Test\*
- Operates on magnetic ballast systems
- Plug-in base with integral starter and interference suppressor
- Direct replacement for 18 and 26 Watt DULUX D
- High luminous efficacy
- Rare earth tri-phosphor with 82 CRI
- Long 12,000 hour average rated life
  - Reduces re-lamping and related costs
- The delta tube configuration of the DULUX T lamp is preferred by fixture manufacturers for its radially symmetrical light output
- Smallest base available compared to lamps of equal or greater wattage
- RoHS compliant

\* Regulations may vary. Check your local and state regulations.

ECOLOGIC® is a comprehensive program of OSRAM SYLVANIA focused on addressing environmental issues at all stages of lamp life.



### Product Offering

Lamp	Wattage	Rated Lumens
CF18DT	18	1,200
CF26DT	26	1,800

### System Comparison

Lamp Type	Rated Lamp Life (hrs.)	Ballast Factor	System Lumens	System Wattage	System LPW	Energy Savings
100W Incandescent	750	n/a	1,710	100	17	—
DULUX T 26W	12,000	0.95	1,710	33	52	67%

### Application Information

#### Applications

- Garden and walkway lighting
- Pendant fixtures
- Recessed ceiling fixtures
- Task and downlights
- Wall sconces
- Wall washes

#### Fixtures

Contact your local fixture agent for available fixtures.

#### Ballast Information

Contact your OSRAM SYLVANIA representative for a list of compatible operating systems.

#### Application Notes

1. 2-Pin lamps designed for preheat magnetic ballast operation.
2. Minimum starting temperature depends on ballast.
3. Rule of thumb: to estimate the appropriate compact fluorescent lamp wattage, divide the incandescent wattage by 4.
4. Equipment manufacturers are advised to consult ANSI and IEC standards for the maximum allowable dimensions and temperature to insure compatibility with similar products.



## Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	Date

## Ordering Information

Item Number	Ordering Abbreviation	NEMA Generic Designation	Base	Watts	Volts	Amps	Initial Lumens	Mean Lumens <sup>1</sup>	CCT	CRI	Avg. Rated Life (hrs.) <sup>2</sup>
20756	CF18DT/827/ECO	CFM18W/GX24d/827	GX24d-2	18	100	.225	1,200	1,032	2700K	82	12,000
20752	CF26DT/827/ECO	CFM26W/GX24d/827	GX24d-3	26	105	.325	1,800	1,548	2700K	82	12,000

1. Measured at 40% of rated life.

2. Based on 3 hours per start. Number of operating hours when half have failed and half are still functional.

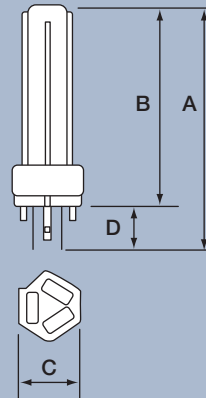
## Ordering Guide

CF	26	DT	/	827	/	ECO
Compact Fluorescent	Wattage	DULUX Triple		8 = 82 CRI 27 = 2700K CCT		ECOLOGIC®

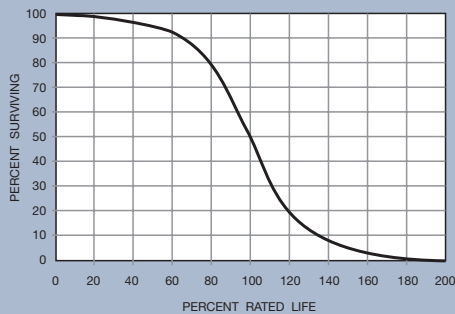
## Technical Information

### Dimensions

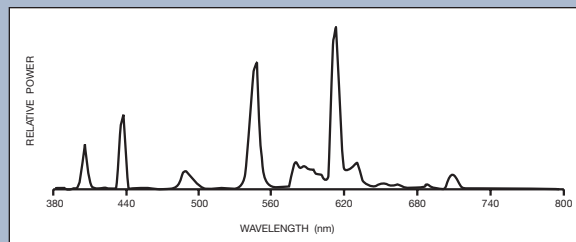
Lamp	(A) MOL in. (mm)	(B) Max. Base Face to Top of Lamp in. (mm)	(C) Max. Base Width in. (mm)	(D) Guide Post Length in. (mm)
CF18DT	4.84 (123)	3.85 (98)	1.90 (48)	0.9 (23)
CF26DT	5.43 (138)	4.43 (113)	1.90 (48)	0.9 (23)



### Typical Fluorescent Lamp Mortality



### DULUX 827



## Sample Specification

Lamp(s) shall be (a) DULUX® (CF18DT or CF26DT) ECO® lamps, and pass existing Federal TCLP limits. Lamp(s) shall have an average rated life of 12,000 hours, a correlated color temperature of 2700K and a CRI of 82. Lamps shall have a (GX24d-2 or -3) plug-in, 2-pin base with integral starter and be suitable for use on magnetic ballasts.

**United States**  
**OSRAM SYLVANIA**  
 100 Endicott Street  
 Danvers, MA 01923

**Trade**  
 Phone: 1-800-255-5042  
 Fax: 1-800-255-5043

**National Accounts**  
 Phone: 1-800-562-4671  
 Fax: 1-800-562-4674

**OEM/Special Markets**  
 Phone: 1-800-762-7191  
 Fax: 1-800-762-7192

**Display/Optic**  
 Phone: 1-888-677-2627  
 Fax: 1-800-762-7192

**Canada**  
**OSRAM SYLVANIA LTD.**  
 2001 Drew Road  
 Mississauga, ON L5S 1S4

**Trade**  
 Phone: 1-800-263-2852  
 Fax: 1-800-667-6772

**OEM/Special Markets/Display/Optic**  
 Phone: 1-800-265-2852  
 Fax: 1-800-667-6772

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