

DULUX® D/E SUPERSAVER® ECOLOGIC®

Energy Saving Compact Fluorescent Lamps



SYLVANIA DULUX D/E SUPERSAVER compact fluorescent lamps are energy saving replacements for full wattage double tube compact fluorescent lamps. No ballast change is required to reduce energy costs by up to 12.5%. They are designed to be operated on existing, energy efficient electronic and dimming ballasts.

For new installations, DULUX D/E SUPERSAVER lamps are ideally paired with QUICKTRONIC® PROStart® CF electronic ballasts. The lamp and ballast system is covered by the exclusive SYLVANIA QUICK 60+® system warranty of up to 24 months for DULUX lamps and 60 months for QUICKTRONIC ballasts.

Key Features & Benefits

- Direct, energy-saving replacements for 18W and 26W double tube compact fluorescent lamps
- Long 20,000 hour average rated life
- Up to 12.5% energy savings when compared with full wattage double tube lamps
- Dimmable
- Operates on existing ballast systems
 - Flicker-free start on electronic ballasts
 - Compatible with QUICKTRONIC® PROStart® CF ballasts
- Fast run-up to full brightness
- Rare earth tri-phosphor with 82 CRI
- Lead-free glass, TCLP & RoHS compliant

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



This light source meets restrictions on hazardous substances.

Product Offering

Lamp	Wattage	CCT
CF18DD/E/15W/SS/8XX/ECO	15	3000K, 3500K, 4100K
CF26DD/E/21W/SS/8XX/ECO	21	3000K, 3500K, 4100K

Application Information

Applications

- Recessed ceiling fixtures
- Wall sconces

SYLVANIA DULUX D/E SUPERSAVER ECOLOGIC fluorescent lamps pass the Federal Toxicity Characteristic Leaching Procedure (TCLP) criteria for classification as non-hazardous waste in most states²

1. TCLP test results are based on NEMA LL Series standards and are available on request.
2. Lamp disposal regulations may vary; check your local & state regulations.

Application Notes

1. 4-Pin lamps designed for dimming and electronic ballast operation.
2. For horizontal operation, install lamp with etch facing down.
3. Minimum starting temperature 32°F.
4. Rule of thumb: to estimate the appropriate compact fluorescent lamp wattage, divide the incandescent wattage by 4.
5. Equipment manufacturers are advised to consult ANSI and IEC standards for the maximum allowable dimensions and temperature to insure compatibility with similar products.
6. QUICKTRONIC ballasts feature QUICKSENSE® circuitry for end-of-life protection required by NEMA.



Specification Data

Fixture Description:	Type
Project/Job:	
SYLVANIA lamp:	
SYLVANIA ballast:	
Notes:	

Ordering Information

Item Number	Ordering Abbreviation	NEMA Generic Designation	Watts	Volts	Amps	Base	Initial Lumens	Mean Lumens ¹	Color Temp.	CRI	Avg. Rated Life (hrs.) ²
20224	CF18DD/E/15W/SS/830/ECO	CFQ18W/G24Q/830	15	72	.210	G24Q-2	1,125	970	3000K	82	20,000
20225	CF18DD/E/15W/SS/835/ECO	CFQ18W/G24Q/835	15	72	.210	G24Q-2	1,125	970	3500K	82	20,000
20226	CF18DD/E/15W/SS/841/ECO	CFQ18W/G24Q/841	15	72	.210	G24Q-2	1,125	970	4100K	82	20,000
20457	CF26DD/E/21W/SS/830/ECO	CFQ26W/G24Q/830	21	70	.300	G24Q-3	1,525	1,310	3000K	82	20,000
20458	CF26DD/E/21W/SS/835/ECO	CFQ26W/G24Q/835	21	70	.300	G24Q-3	1,525	1,310	3500K	82	20,000
20459	CF26DD/E/21W/SS/841/ECO	CFQ26W/G24Q/841	21	70	.300	G24Q-3	1,525	1,310	4100K	82	20,000

Notes:

1. Measured at 40% of rated life.

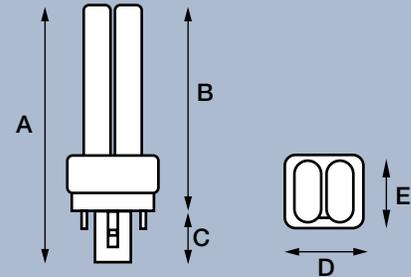
2. Based on 12 hours per start. Number of operating hours when at least half of lamps are still functional.

Ordering Guide

CF	26	DD	/	E	/	21W	/	SS	/	835	/	ECO
Compact Fluorescent	Wattage of Standard Lamp	DULUX® Double	/	Electronic Ballast	/	Lamp Wattage 15W or 21W	/	SUPERSAVER®	/	8 = 82 CRI 30=3000K CCT 35=3500K CCT 41=4100K CCT	/	ECOLOGIC®

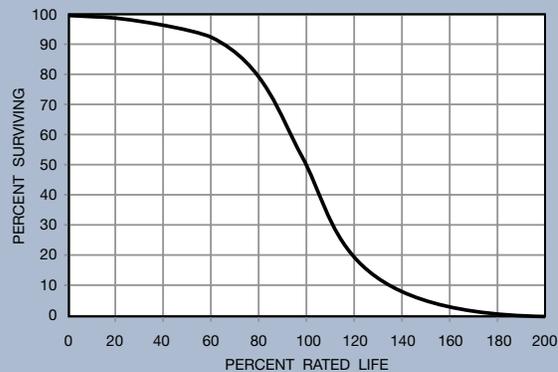
Lamp Dimensions

	(A) MOL [in. (mm)]	(B) Max. Base Face to Top of Lamp [in. (mm)]	(C) Guide Post Length [in. (mm)]	(D) Max. Base Width [in. (mm)]
CF18DD/E/15W/SS/8XX/ECO	5.79 (147)	5.16 (131)	0.62 (16)	1.38 (35)
CF26DD/E/21W/SS/8XX/ECO	6.54 (166)	5.91 (150)	0.62 (16)	1.38 (35)



Technical Information

Typical Fluorescent Lamp Mortality



Related Literature

For optimum system performance and warranty pair with QUICKTRONIC® CF ballast.

QUICKTRONIC CF – Electronic Ballasts Systems (ECS236)

Ballast Technology Applications & Specifications Guide (ECS-Electronic 2009)

QUICK 60+ System Warranty (ECS140)

Sample Specification

Lamp(s) shall be (a) DULUX® (CF18DD/E/15W/SS/8XX/ECO or CF26DD/E/21W/SS/8XX/ECO) ECOLOGIC® lamps and pass existing Federal TCLP limits. Lamp(s) shall have an average rated life of 20,000 hours, a correlated color temperature of (3000K, 3500K or 4100K), and a CRI of 82. Lamps shall have a G24Q-2 plug-in or G24Q-3 plug-in, 4-pin base and be suitable for use on electronic and dimming ballasts. Lamps shall be operated by QUICKTRONIC® ballasts. Both lamps and ballasts are covered by the QUICK 60+® system warranty.

United States

OSRAM SYLVANIA

100 Endicott Street
Danvers, MA 01923
1-800-LIGHTBULB

Trade

Phone: 800-255-5042
Fax: 800-255-5043

National Accounts

Phone: 800-562-4671
Fax: 800-562-4674

OEM/Special Markets

Phone: 800-762-7191
Fax: 800-762-7192

Retail

Phone: 800-842-7010
Fax: 800-842-7011

SYLVANIA Lighting Services

Phone: 800-323-0572
Fax: 800-537-0784

Display/Optic

Phone: 888-677-2627
Fax: 855-543-1043

Canada

OSRAM SYLVANIA LTD.

2001 Drew Road
Mississauga, ON L5S 1S4
1-800-LIGHTBULB

Trade

Phone: 800-263-2852
Fax: 800-667-6772

OEM/Special Markets/Display/Optic

Phone: 800-265-2852
Fax: 800-667-6772

Retail

Phone: 800-720-2852
Fax: 800-667-6772

SYLVANIA Lighting Services

Phone: 800-663-4268
Fax: 866-239-1278

Mexico

OSRAM MEXICO

Tultitlan/Edo de Mexico
Phone: 011-52-55-58-99-18-50

ENCELIUM Technologies

United States
Phone: 201-928-2400
Fax: 201-928-4028

Canada

Phone: 905-731-7678
Fax: 905-731-1401

www.sylvania.com

 /sylvania

 /sylvania