

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.

Application Information

Applications

- Recessed ceiling fixtures
- Wall sconces

Key Features & Benefits

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

Regulations may vary. Check your local and state regulations.

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

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.



This light source meets restrictions on hazardous substances.

Product Offering

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

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

Catalog #	Type
Project/Job	
SYLVANIA Lamp	
SYLVANIA Ballast	
Prepared by	

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

1. Measured at 40% of rated life.

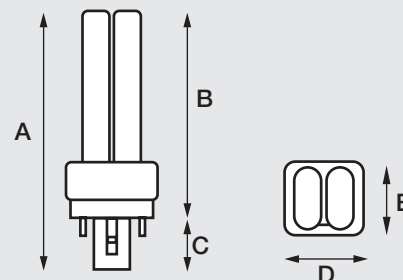
2. Based on 12 hours per start. Number of operating hours when at least half of lamps are still functional.

Ordering Guide

CF	26	DD	/	E	/	21W	/	SS	/	8	35	/	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®

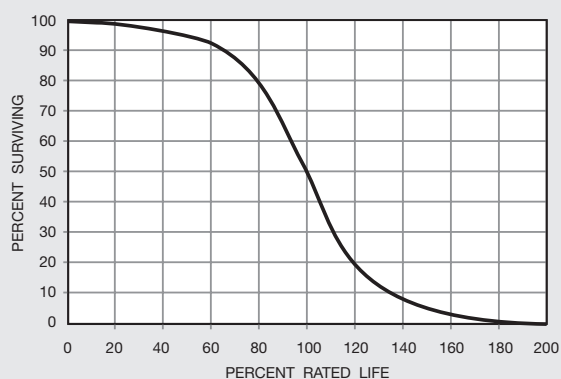
Lamp Dimensions

Width	(A) MOL [in. (mm)]	(B) Max. Base Face to Top of Lamp [in. (mm)]	(C) Guide Post Length [in. (mm)]	(D) Max. Base [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



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.

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)

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