

DULUX® EL Covered Electronic Compact Fluorescent Lamps



SYLVANIA offers DULUX EL self-ballasted medium and candelabra base compact fluorescent lamps in a variety of covered designs including: Classic, Globe, Décor and Reflector types. With excellent color rendition and a broad range of color temperature options, these CFLs provide a brilliant alternative to traditional incandescent and halogen light sources and are suitable for many different types of luminaires. They complement the DULUX EL Twist family of CFLs described in companion Product Information Bulletin CF048R1.

Key Features & Benefits

- Energy saving alternative to incandescent lamps saves up to 75% energy compared to similar lumen output incandescent
- Variety of shapes and wattages to satisfy most applications
- 6000 – 10,000 hour average rated lamp life
- Flicker-free starting
- Dimmable 15W, BR30 lamps offer smooth dimming from 20% to 100% light output
- Medium and candelabra base for easy replacement of ordinary incandescent lamps
- Available in a variety of color temperatures:
 - 2700K – warm white deluxe, similar to incandescent
 - 3000K – soft white, similar to halogen lamps
 - 5000K
- 82 CRI

Product Offering

Lamp Type	Wattage
Classic	9W/A15, 14W/A19
Globe	9W/G25, 14W/G30
Bullet	14W/B20
Decor	4W, 5W, 7W, 9W
Reflector	9W/R20, 14W/R20, 16W/BR30, 19W/PAR38, 20W/BR40, 23W/BR40, 23W/PAR38
Dimmable	15W/BR30, 5W/B10, 5W/A15

Application Information

Applications

Chandeliers
Sconces
Vanity bars
Table lamps
Ceiling fixtures
Recessed down lights
Ceiling fans
Decorative & vanity fixtures
Security lighting
Difficult to service areas

Application Notes

1. DULUX EL lamps cannot be installed on dimming circuits, unless the lamp is labelled as "Dimmable"
2. Outdoor application — use only in enclosed fixtures to avoid exposure to weather (except for PAR38)
3. Do not use in emergency exit fixtures or lights
4. Do not use on electronic timers, photocells, lighted switches or any other switches that do not meet UL20 Sec. 7.6.15
5. Meets CSA, FCC and UL requirements
6. Do not disassemble or modify DULUX EL lamps
7. Use only 120V AC, 60Hz circuit
8. Install and remove lamp from fixture by grasping plastic base, not lamp glass
9. Best performance achieved when operated at 77°F/25°C



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	Date

Ordering Information

	Item Number	Ordering Abbreviation	Pkg.	Bulb Type	Replaced Incandescent Wattage	Nominal Wattage	Initial Lumens	Color Temp.	CRI	Average Rated Life (hrs.)
Classic A-line	29743	CF5EL/A15/DIM/830/BL ¹	1/box, 6/cs	A	15	5	200	3000K	82	25,000
	29468	CF14EL/A19	1/box, 6/cs	A	60	14	800	3000K	82	6000
	29485	CF14EL/A19/3K/BL	1/blister, 6/cs	A	60	14	800	3000K	82	8000
	29575	CF14EL/A19/827	1/box, 6/cs	A	60	14	800	2700K	82	6000
	29526	CF9EL/FAN/2BL	2/blister, 12/cs	A	40	9	475	3000K	82	8000
	29665	CF9EL/FAN/827	1/box, 6/cs	A	40	9	450	2700K	82	8000
Bullet	29196	CF14EL/B/830/MED	1/box, 6/cs	B20	60	15	700	3000K	82	6000
Globe	29495	CF9EL/G25/3K/1/BL	1/blister, 6/cs	G25	40	9	495	3000K	82	8000
	29414	CF9EL/G25/2700K	1/box, 6/cs	G25	40	9	495	2700K	82	8000
	29528	CF9EL/G25/2PK	2/blister, 12/cs	G25	40	9	495	3000K	82	8000
	29195	CF14EL/G/830/MED	1/box, 6/cs	G30	60	14	725	3000K	82	6000
Décor	29135	CF4EL/DECO/CANDELABRA/827	1/box, 6/cs	FLAME	15	4	160	2700K	82	6000
	29121	CF4EL/DECO/CANDELABRA/1/BL	1/blister, 6/cs	FLAME	15	4	170	3000K	82	6000
	29742	CF5EL/B10/C/ADP/DECO/DIM/830 ¹	1/box, 6/cs	FLAME	15	5	200	3000K	82	25,000
	29039	CF7EL/DECO/MEDIUM/827	1/box, 6/cs	FLAME	25	7	280	2700K	82	6000
	29167	CF7EL/DECO/MEDIUM/1/BL	1/blister, 6/cs	FLAME	25	7	280	3000K	82	6000
	29584	CF9EL/CANDELABRA/2BL/12	2/blister, 12/cs	FLAME	40	9	450	3000K	82	8000
Specialty	29346	CF14EL/A19/1/BL/YELLOW	1/pk8 box, 5/cs	A19	n/a	14	405	—	—	6000
Reflector	29465	CF15EL/BR30/DIMMABLE/2700K ¹	1/blister, 6/cs	BR30	65	15	600	2700K	82	6000
	29496	CF15EL/BR30/DIM/830/RP	1/box, 6/cs	BR30	65	15	600	3000K	82	6000
	29565	CF16EL/BR30/1/BL/6	1/blister, 6/cs	BR30	65	16	750	3000K	82	8000
	29590	CF16EL/BR30	1/box, 6/cs	BR30	65	16	750	3000K	82	8000
	29591	CF16EL/BR30/2700K	1/box, 6/cs	BR30	65	16	750	2700K	82	8000
	29399	CF20EL/BR40/2700K	1/box, 6/cs	BR40	75	20	900	2700K	82	8000
	29442	CF23EL/BR40/BL/1	1/blister, 6/cs	BR40	90	23	1250	3000K	82	8000
	29363	CF20EL/BR40	1/box, 6/cs	BR40	75	20	900	3000K	82	8000
	29740	CF20EL/BR40/830/RP	1/box, 6/cs	BR40	75	20	900	3000K	82	8000
	29539	CF15EL/BR30/5000K/BL/1	1/blister, 6/cs	BR30	65	15	560	5000K	82	6000
	29624	CF14EL/R20/2700K	1/box, 6/cs	R20	60	14	495	2700K	82	8000
	29638	CF9EL/R20/2700K	1/box, 6/cs	R20	40	9	300	2700K	82	8000
	29640	CF9EL/R20/BL	1/blister, 6/cs	R20	40	9	300	3000K	82	8000
	29587	CF14EL/R20/BL/1	1/blister, 6/cs	R20	60	14	500	3000K	82	8000
	29586	CF23EL/PAR38/BL/1	1/blister, 6/cs	PAR38	75	23	1200	3000K	82	8000
	29359	CF23EL/PAR38/2700K	1/box, 6/cs	PAR38	75	23	1200	2700K	82	8000
	29581	CF19EL/PAR38/830/RP	1/box, 6/cs	PAR38	75	19	950	3000K	82	8000
	29897	CF23EL/PAR38/GL/827	1/box, 6/cs	PAR38	100	23	1000	2700K	82	8000

¹ May be used with standard electronic incandescent wall dimmers.

Operating temperature range of all DULUX EL lamps is 0° to 100°F. Operating temperature range of Bullet lamp is 0° to 122°F.

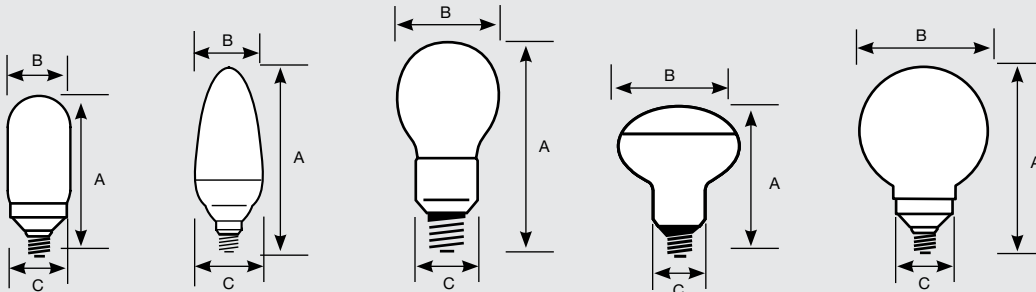
Lamp Comparison

DULUX® EL	Compact Fluorescent		Incandescent	Similar Lumens	Incandescent	Watts Saved	Energy* Savings	CFL Life vs. Incandescent
	Lumens	Life			Life			
CF5EL/A15	200	25,000	25A/W	210	1500	20	\$50	16 x
CF14EL/A19	800	6000	60A/W	850	1000	46	\$27	6 x
CF14EL/A19	800	8000	60A/W	850	1000	46	\$36	8 x
CF14EL/B/830/MED	700	6000	60A/W	850	1000	45	\$27	6 x
CF9EL/G25	495	8000	40G25	370	1500	31	\$24	4 x
CF9EL/FAN	450	8000	40A/W	370	1500	31	\$25	5 x
CF15EL/G/830/MED	700	6000	60G25/W	680	1500	45	\$27	4 x
CF4EL/DECO/CANDELABRA	160	6000	15B10	125	1500	11	\$6	4 x
CF9EL/CANDELABRA	450	8000	40A/W	370	1500	31	\$25	5 x
CF7EL/DECO/MEDIUM	280	6000	25F/CL	210	1500	18	\$10	4 x
CF14EL/A19/YELLOW	475	6000	60A/Y/RP	550	1000	46	\$27	6 x
CF9EL/R20	495	8000	40R20	370	1500	31	\$25	5 x
CF14EL/R20/BL	495	8000	50R20/FL	330	2000	36	\$28	4 x
CF15EL/BR30 DIM	600	6000	65BR30/FL	620	2000	50	\$30	3 x
CF16EL/BR30	750	8000	65BR30/FL	620	2000	49	\$39	4 x
CF20EL/BR40	900	8000	75BR40/FL	680	2000	55	\$44	4 x
CF23EL/BR40	1250	8000	90BR40/FL	1300	750	67	\$54	10 x
CF23EL/PAR38	1200	8000	75PAR/W	650	2000	53	\$31	4 x
CF23EL/PAR38/GL	1000	8000	75PAR/W	900	750	52	\$42	10 x

*Energy savings over life of EL lamp at \$0.10/kWh

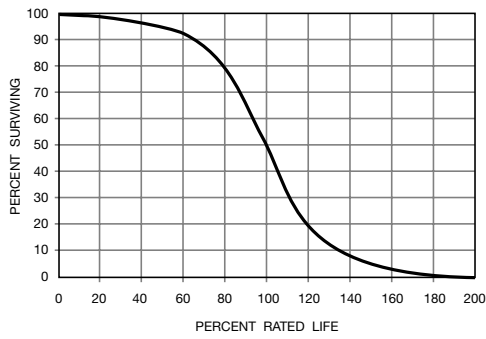
Lamp Dimensions

	(A) MOL (in.)	(B) Diameter (in.)	(C) Base Width (in.)
CF5EL/A15	3.97	1.98	1.37
CF14EL/A19	4.75	2.40	2.10
CF14EL/A19 (29485)	5.00	2.325	1.875
CF14EL/B	5.50	2.40	2.40
CF9EL/G25	4.25	3.125	2.61
CF14EL/G30	5.40	3.40	2.00
CF4EL/DECO/CANDELABRA	4.25	1.40	1.58
CF9EL/FAN	4.00	2.20	1.70
CF7EL/DECO/MEDIUM	5.00	2.88	1.63
CF9EL/CANDELABRA	4.25	1.70	1.70
CF9EL/R20	3.94	1.68	1.69
CF14EL/R20/BL/1	4.50	3.25	1.90
CF15EL/BR30/DIMMABLE	5.63	3.72	2.36
CF16EL/BR30	5.70	3.75	2.00
CF20EL/BR40	6.50	4.69	2.30
CF23EL/BR40	6.50	4.69	2.16
CF23EL/PAR38	6.25	4.75	2.125
CF23EL/PAR38/GL	5.40	4.82	1.77

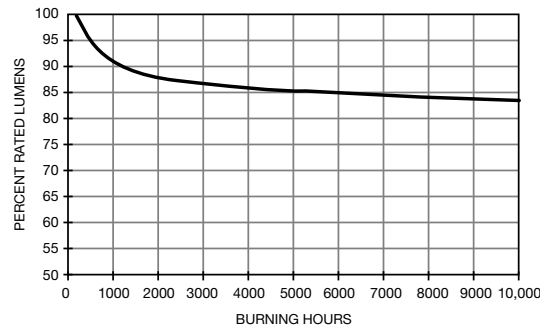


Technical Information

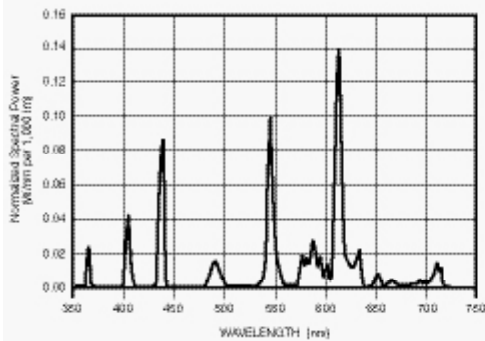
Typical Fluorescent Lamp Mortality*



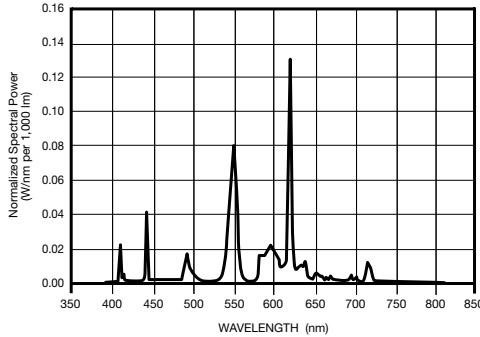
Lumen Maintenance Curve*



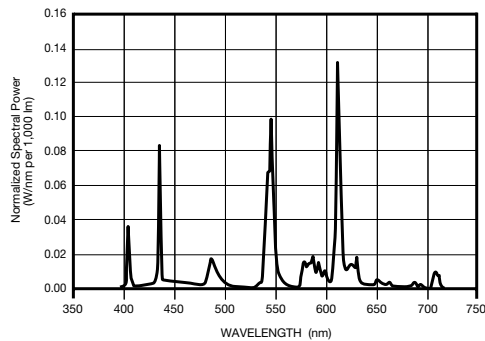
DULUX EL 2700K (Warm White Deluxe)



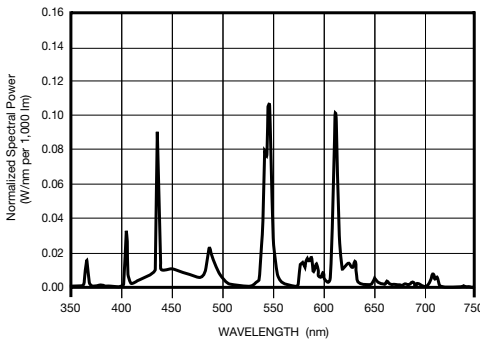
DULUX EL 3000K (Soft White)



DULUX EL 3500K (Daylight EXTRA™)



DULUX EL 5000K



Ordering Guide

CF	14	EL	/	A19	/	830	/	BL
Compact Fluorescent	Wattage: 14 watts	Electronic Ballast		Bulb Type: A, FAN, BR		8 = 82 CRI 30 = 3000K		Blister pack

Sample Specification

Lamp shall be a DULUX EL 15 or 16 Watt BR30 reflector compact fluorescent lamp. Lamp shall have a correlated color temperature of (2700K, 3000K or 5000K) and a CRI of 82. Average rated lamp life shall be (6000 or 8000) hours.

Lamp shall be a DULUX EL 14 Watt A-LINE electronic, compact fluorescent lamp. Lamp shall have a correlated color temperature of 3000K and a CRI of 82. Average rated lamp life shall be 6000 hours.

Lamp shall be a DULUX EL Globe (9 or 14 Watt) electronic, compact fluorescent lamp. Lamp shall have a correlated color temperature of (2700K or 3000K) and a CRI of 82. Average rated lamp life shall be 8000 hours.

Lamps shall be a DULUX EL Décor (Flame shaped) in 4, 5, 7 or 9W electronic, compact fluorescent lamp. Lamp shall have a correlated color temperature of 2700K or 3000K and a CRI of 82. Average rated lamp life shall be 6000 or 8000 hours.

Lamps shall be a DULUX EL 14W Bullet, compact fluorescent lamp. Lamp shall have a correlated color temperature of 3000K and a CRI of 82. Average rated lamp life shall be 6000 hours.

* Not a specification or standard.
Actual results may vary.

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