

DURA-ONE™ ECOLOGIC®

Electrodeless Compact Fluorescent Lamps



SYLVANIA DURA-ONE ECOLOGIC electrodeless compact fluorescent lamps have a rated life of 15,000 hours or 13 years*. Longer life means fewer lamp replacements and lower maintenance costs, making them perfect for applications where re-lamping is difficult.

The Advanced Illumination Technology in DURA-ONE lamps delivers constant, high light output over a wider temperature range than conventional compact fluorescent lamps, with reliable starting down to -20°F/-29°C. DURA-ONE lamps offer flicker-free starting and provide full lumen output instantly.

Key Features & Benefits

- Long life
- Instant brightness
- Instant flicker-free starting
- Low temperature starting (-20°F/-29°C)
- Unlimited switching cycles
- Constant light output over a wider temperature range
- Energy cost savings of up to \$63 vs. 65W incandescent BR30**
- Energy cost savings of up to \$82 vs. 75W incandescent A19**

* Based on usage of 3 hours per day, 7 days per week

** Based on utility rate of \$0.10/kWh



SYLVANIA DURA-ONE ECOLOGIC compact fluorescent lamps are designed to pass the Federal Toxicity Characteristic Leaching Procedure (TCLP) criteria for classification as non-hazardous waste in most states.



Product Family

Lamp Type	Wattage (W)
Classic	20W A-19, A-shape
Reflector	23W / BR30

Application Information

Applications

- Downlighting
- Cold temperature environments
- Difficult to service areas
- Security lighting
- Outdoor lighting (Note 1)
- Frequent switching cycles (Note 2)

Facilities

- Retail
- Hospitality – Green lodging
- Office
- Commercial properties
- Healthcare
- Property management

Application Notes

1. Outdoor application — use only in weather protected fixtures/applications
2. Is approved for use with occupancy sensors that have a fluorescent volt-amp rating and use a 3-wire interface
3. Cannot be installed on dimming circuits
4. Do not use in emergency exit fixtures or lights
5. Do not use on electronic timers, photocells, illuminated switches or any other switches that do not meet UL20 sec. 7.6.15
6. Meets CSA, FCC and UL requirements
7. Never disassemble or modify lamp
8. Use only on 120V AC, 60 Hz circuit
9. Install and remove lamp from fixture grasping plastic base
10. Best performance achieved when operated at 77°F/25°C
11. Operating temperature range of DURA-ONE lamps is -20°F/-29°C to 122°F/50°C



Ordering Information

Item Number	Ordering Abbreviation	Bulb Type	Replaced Incandescent Wattages	Nominal Wattage	Initial Lumens	Color Temp.	CRI	Average Rated Life (hrs.)
29535	CF23RC/BR30/827	BR30	65 (R30)	23	1100	2700K	82	15,000
29908	CF23RC/BR30/830	BR30	65 (R30)	23	1100	3000K	82	15,000
29537	CF20RC/A19/827	A19	75	20	1200	2700K	82	15,000

Lamp Comparison

DURA-ONE Compact Fluorescent			Similar Incandescent		Watts Saved	Energy* Savings	CFL Life vs. Incandescent
	Lumens	Life	Lumens	Life			
BR30	1100	15,000	65 (BR30)	620	42	\$63	7X
A19	1200	15,000	75 (A)	1170	55	\$82	20X

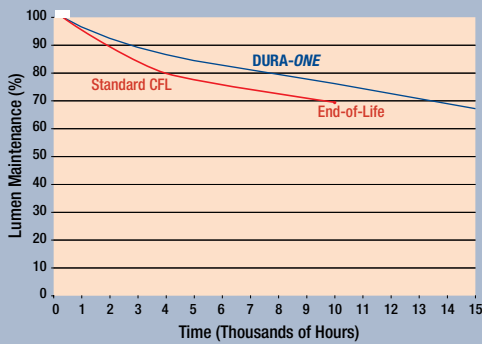
*Energy savings over life of DURA-ONE lamp at \$0.10/kWh

Ordering Guide

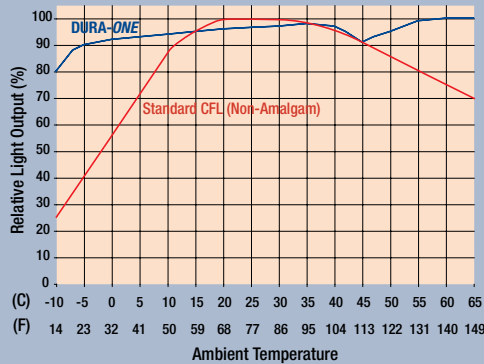
CF	23	RC	/	BRXX	/	827
Compact Fluorescent	Wattage: 23 watts (BR30) 20 watts (A19)	Re-Entrant Cavity Technology		BR = Bulged Reflector A = A-Line Bulb XX = Diameter in 1/8"		CRI = 82 Color Temperature 27 = 2700K 30 = 3000K

Technical Information

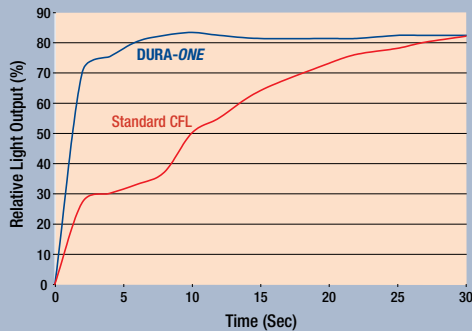
Lumen Maintenance



Constant Light Output Across a Wide Temperature Range

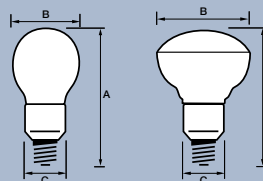


DURA-ONE vs. Standard CFL



Dimensions

	(A) MOL (in.)	(B) Diameter (in.)	(C) Base Width (in.)
A19	5.31"	2.38"	1.75"
BR30	5.56"	3.81"	1.75"



Sample Specification

Lamp(s) shall be (a) SYLVANIA DURA-ONE ECOLOGIC (CF23RC/BR30/827 BR30, CF23RC/BR30/830 BR30 or CF20RC/A19/827 A19) electrodeless compact fluorescent lamp(s) having a correlated color temperature of (2700K or 3000K), a CRI of 82 and an average rated life of 15,000 hours. Lamps shall have a medium base, integral electronic ballast, operate at 120Vac ±10%/60Hz and have a minimum starting temperature of -20° F (-29° C). The lamps shall be TCLP-compliant.

Specification Data

Catalog # _____

Type _____

Project _____

Comments _____

Prepared by _____

Date _____

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