

# Made Here. Made Better.



A substantial amount of OSRAM SYLVANIA products sold in NAFTA are assembled or made in the USA. SYLVANIA operates 15 manufacturing facilities, 8 R&D labs, and 2 corporate technology centers right here in the USA. OSRAM SYLVANIA offers a world of money saving opportunities that are made right here at home. We help design a solution that includes energy saving products as well as the latest in lighting controls to reduce energy consumption and ultimately save you money. As experts in LED lighting and design, we

can help your company take full advantage of the latest technologies, which can be customized to your needs. The savings generated from SYLVANIA energy-efficient lighting systems will save you money today and in the years to come. This results in savings you can invest and use to stimulate your business even more.

# OSRAM SYLVANIA Leads Sustainability in Lighting

Recognized for our achievements:



20% absolute corporate greenhouse gas emissions reduction in 5 years (exceeded 10% goal)



12.5% product energy intensity reduction in 5 years



10-year ENERGY STAR® Partner of the Year



Member of National Clean Fleets Partnership



Member of USGBC since 2003



Member of EPA SmartWay™ Transport Partnership since 2008



Platinum Sponsor of Green Parking Council since 2012

US DOE Workplace Charging Challenge Partner

**OSRAM SYLVANIA is a sustainability leader, focusing on reducing environmental impact of products and processes for our company and for our customers.**

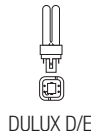
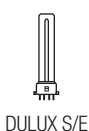
## Lead-Free Manufacturing

- Fluorescent manufacturing in Versailles, Kentucky
- Electronic ballast manufacturing

## Made in the U.S.A.

- OSRAM SYLVANIA operates manufacturing and assembly facilities in the United States
- All NAFTA facilities ISO 14001 certified

[www.sylvania.com/sustainability](http://www.sylvania.com/sustainability)



## Compact Fluorescent Lamps

### DULUX® S/E 4-Pin Single-Tube Compact Fluorescent – For Dimming and Electronic Ballast

Nominal Wattage	Bulb Shape	MOL (in)	MOL (mm)	Base	Product Number	Ordering Abbreviation	Pkg Qty	Average Rated Life (hrs)	CCT (K)	CRI	Approx. Lumens Initial (Mean) at 25°C/77°F	Notes
7	S (T4)	4.5	115	267	20312	CF7DS/E/827	50	20000	2700	82	400 (360)	1,2,4,5,9
					20316	CF7DS/E/841	50	20000	4100	82	400 (360)	1,2,4,5,9
9	S (T4)	5.7	145	267	20313	CF9DS/E/827	50	20000	2700	82	580 (520)	1,2,4,5,9
					20317	CF9DS/E/841	50	20000	4100	82	580 (520)	1,2,4,5,9
13	S (T4)	6.2	157	2GX7	20314	CF13DS/E/827	50	10000	2700	82	800 (720)	1,2,4,5,9
					20284	CF13DS/E/830	50	10000	3000	82	800 (720)	1,2,4,5,9
					20318	CF13DS/E/841	50	10000	4100	82	800 (720)	1,2,4,5,9

### DULUX® S Preheat 2-Pin Single-Tube Compact Fluorescent – With Starter in Base for Magnetic Ballasts

Nominal Wattage	Bulb Shape	MOL (in)	MOL (mm)	Base	Product Number	Ordering Abbreviation	Pkg Qty	Average Rated Life (hrs)	CCT (K)	CRI	Approx. Lumens Initial (Mean) at 25°C/77°F	Notes
5	S (T4)	4.21	107	G23	21279	CF5DS/827/ECO	50	10000	2700	82	230 (210)	1,3,5,9,11
					21278	CF5DS/841/ECO	50	10000	4100	82	230 (210)	1,3,5,9,11
7	S (T4)	5.31	135	G23	21277	CF7DS/827/ECO	50	10000	2700	82	400 (360)	1,3,5,9,11
					21276	CF7DS/835/ECO	50	10000	3500	82	400 (360)	1,3,5,9,11
					21274	CF7DS/841/ECO	50	10000	4000	82	400 (360)	1,3,5,9,11
					21275	CF7DS/850/ECO	50	10000	5000	82	400 (360)	1,3,5,9,11
					21272	CF9DS/827/ECO	50	10000	2700	82	580 (520)	1,3,5,9,11
9	S (T4)	7.09	180	G23	21273	CF9DS/835/ECO	50	10000	3500	82	580 (520)	1,3,5,9,11
					21270	CF9DS/841/ECO	50	10000	4100	82	580 (520)	1,3,5,9,11
					21271	CF9DS/850/ECO	50	10000	5000	82	580 (520)	1,3,5,9,11
					21136	CF13DS/827/ECO	50	10000	2700	82	800 (720)	1,3,5,9,11
13	S (T4)	7.09	180	GX23	21133	CF13DS/830/ECO	50	10000	3000	82	800 (720)	1,3,5,9,11
					21137	CF13DS/835/ECO	50	10000	3500	82	800 (720)	1,3,5,9,11
					21134	CF13DS/841/ECO	50	10000	4100	82	800 (720)	1,3,5,9,11
					21135	CF13DS/850/ECO	50	10000	5000	82	800 (720)	1,3,5,9,11
					21136	CF13DS/827/ECO	50	10000	2700	82	800 (720)	1,3,5,9,11

### DULUX D/E 4-Pin SUPERSAVER® ECOLOGIC® Double-Tube Compact Fluorescent Lamps – For Dimming and Electronic Ballast

Nominal Wattage	Bulb Shape	MOL (in)	MOL (mm)	Base	Product Number	Ordering Abbreviation	Pkg Qty	Average Rated Life (hrs)	CCT (K)	CRI	Approx. Lumens Initial (Mean) at 25°C/77°F	Notes
15	D (T4)	5.79	147	G24Q-2	20224	CF18DD/E/15W/SS/830/ECO	50	20000	3000	82	1125 (970)	1,2,4,5,9
					20225	CF18DD/E/15W/SS/835/ECO	50	20000	3500	82	1125 (970)	1,2,4,5,9
					20226	CF18DD/E/15W/SS/841/ECO	50	20000	4100	82	1125 (970)	1,2,4,5,9
21	D (T4)	6.54	166	G24Q-3	20457	CF26DD/E/21W/SS/830/ECO	50	20000	3000	82	1525 (1310)	1,2,4,5,9
					20458	CF26DD/E/21W/SS/835/ECO	50	20000	3500	82	1525 (1310)	1,2,4,5,9
					20459	CF26DD/E/21W/SS/841/ECO	50	20000	4100	82	1525 (1310)	1,2,4,5,9