

OCTRON® CURVALUME® Fluorescent Lamps



OSRAM SYLVANIA OCTRON® CURVALUME® T8 fluorescent lamps deliver high performance characteristics and exceptional energy efficiency.

When OCTRON CURVALUME lamps are operated on instant start electronic ballasts, system efficacy is maximized. In a typical fixture, the optical and thermal efficiency is improved over standard T12 lamps.

These lamps bring T8 technology to a wider variety of fixture configurations. CURVALUME lamps are ideal for 2X2 troffers. OCTRON CURVALUME lamps operate on the same ballasts as linear OCTRON T8 lamps providing maintenance ease and color consistency throughout an installation.

OSRAM SYLVANIA also offers a system solution with our QUICKTRONIC® electronic ballasts and lamps. QUICK 60+ warranty offered.

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Energy efficient CURVALUME T8
Retrofit for T12 CURVALUME lamps
Energy savings compared to T12*

1 5/8" & 6" leg spacing lamps

1 5/8" OCTRON CURVALUME
17W, 24W and 31W – 82 CRI

6" OCTRON CURVALUME
32W – 75 or 82 CRI

3000K, 3500K, 4100K and 5000K
(Not all colors available in all wattages)

20,000-hour average rated life

Operate on QUICKTRONIC® Systems
System 32, 32LP and 32PLUS
Use fewer lamps or fewer fixtures with
System 32PLUS

PRODUCT AVAILABILITY

Watts**	Leg Spacing	Rated Lumens***	
		700 series	800 Series
16W	1-5/8"	—	1125
24W	1-5/8"	—	1925
31W	1-5/8"	—	2725
32W	6"	2750	2850

**Wattage when operated on rapid start magnetic ballast. Lower wattage with instant start electronic ballast. See technical data

*** Lumens for 3000, 3500, 4100K

LAMP COMPARISON

Lamp Type	Ballast	Lamp	Ballast Factor	System Watts	System Lumens*	Mean System Lumens	Mean System LPW	Percent Energy Savings vs. FB40/CW/SS
FB40/CW/6/SS	Energy Saving Magnetic	2	0.88	72	4580	3890	54	0%
FB40/D41/6/SS	Energy Saving Magnetic	2	0.88	72	4805	4180	58	0%
FBO32/741	System 32	2	0.9	59	4950	4455	76	18%
FBO32/841	System 32	2	0.9	59	5130	4720	80	18%
FBO31/841	System 32	2	0.9	57	4905	4510	79	21%
	System 32LP	2	0.77	49	4200	3860	79	32%

See system comparison vs. DULUX® L

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APPLICATION INFORMATION

Applications

- Retail
- Office
- Schools
- Hospitals
- Other general lighting

Application Notes

- Lamp starting down to 0°F (dependant on ballast)
- Operation below 50°F may affect lumen output or lamp operation
- For cold temperature applications use in enclosed fixture or use tube guard to maximize lumen output
- For rapid start operation, check with ballast manufacturer for ground plane requirements
- For maximum energy savings, operate OCTRON lamps on electronic instant start ballasts

