

# FB34 CURVALUME® SUPERSAVER® ECOLOGIC® Fluorescent Lamps



- 34 Watt U-shaped lamps with 6" leg spacing
- Designed to pass Federal TCLP<sup>1</sup> test
- Cool White (CW) and Warm White (WW) phosphors
- Same performance and ballasting requirements as standard lamps
- Use with other ECOLOGIC lamps for a TCLP compliant lighting installation

SYLVANIA ECOLOGIC fluorescent lamps are designed to pass the Federal Toxic Characteristic Leaching Procedure (TCLP) criteria for classification as non-hazardous waste in most states<sup>2</sup>.

<sup>1</sup> TCLP test results are based on NEMA LL Series standards and are available on request.

<sup>2</sup> Regulations may vary. Check with your local and state regulators.

**SYLVANIA FB34 CURVALUME SUPERSAVER ECOLOGIC lamps are designed to pass the Federal TCLP criteria for classification as non-hazardous waste in most states.**

FB34 CURVALUME SUPERSAVER ECOLOGIC lamps with 6" leg spacing are electrically and physically interchangeable with standard FB34 CURVALUME SUPERSAVER lamps. They deliver the same light output and life. Install these lamps with other ECOLOGIC lamps for a TCLP compliant lighting installation.

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



## Product Availability

Wattage	Lamp
34	FB34/CW/6/SS/ECO
34	FB34/WW/6/SS/ECO

## Application Information

### Applications

Offices  
Retail  
Schools  
General Lighting  
Any application where energy efficient, TCLP compliant, U-shaped T12 lamps are needed.

### Fixtures

Contact your local fixture agent for available fixtures.

### Ballast Information

Contact your OSRAM SYLVANIA representative for a list of compatible electronic operating systems.

### Application Notes

1. SUPERSAVER ECOLOGIC lamps should not be operated under the following conditions:
  - At temperatures below 60°F or in drafty locations
  - On low power factor ballasts unless so labeled
  - On dimming ballasts unless so labeled
  - On reduced current / reduced light output ballasts unless so labeled
  - On inverter operated emergency light systems unless so labeled
  - On high frequency, electronic ballasts unless so labeled
2. For cold temperature applications (below 60°F), use full wattage lamps in enclosed fixtures to maximize lamp performance.



**Sample Specification**

Lamp(s) shall be SYLVANIA FB34 CURVALUME SUPERSAVER ECOLOGIC lamps. Lamp(s) shall be designed to pass the Federal TCLP test criteria. Lamps shall have 6-inch leg spacing and medium bi-pin bases. Lamp(s) shall have a correlated color temperature of (3000K or 4200K) and a CRI of (52 or 62).

**Ordering and Specification Information**

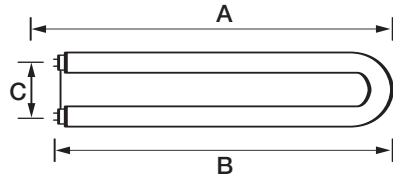
Item Number	Ordering Abbreviation	Watts	Bulb	Base	Avg. Rated Life (hrs.) <sup>1</sup>	Initial Lumens <sup>2</sup>	Mean Lumens <sup>3</sup>	CCT	CRI
24054	FB34/CW/6/SS/ECO	34	T12	Medium bi-pin	18,000	2600	2236	4200K	62
24052	FB34/WW/6/SS/ECO	34	T12	Medium bi-pin	18,000	2650	2279	3000K	52

- Lamp life based on operation 3 hours per start on reference ballast.
- Measured at 100 hours of operation.
- Measured at 40% of average rated life.

**Ordering Guide**

FB	34	/	CW	/	6	/	SS	/	ECO
Fluorescent Bent	Wattage: 34 Watts		CW = Cool White WW = Warm White		6 inch leg spacing		SUPERSAVER		ECOLOGIC

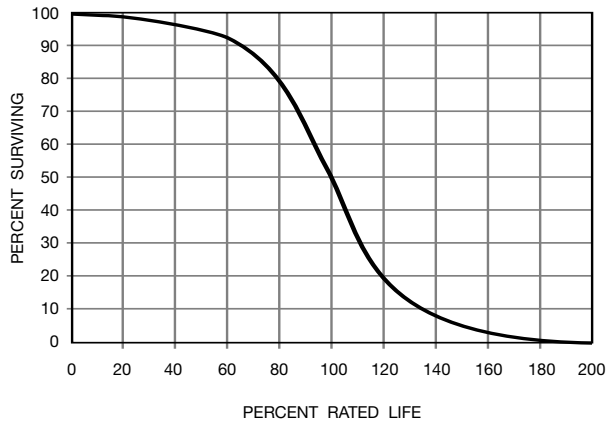
**Dimensions**



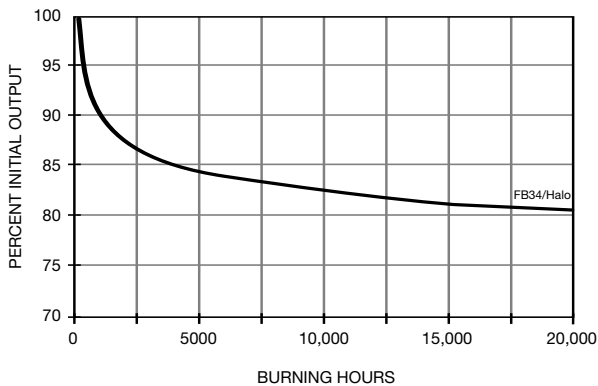
Lamp Type	(A) Maximum Overall Length (in.)	(B) Max. Base to Top of Lamp (in.)	(C) Leg Spacing Pin to Opposite Pin (in.)
FB34	23	22.6	6.0

**Technical Information**

Typical Fluorescent Lamp Mortality



Fluorescent Lamp Lumen Maintenance



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