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**Product Number:** 21878  
**Order Abbreviation:** FBO31/835  
**General Description:** 31W, 22.5" MOL, T8 OCTRON Curvalume fluorescent lamp, 1 5/8" leg spacing, 3500K color temperature rare earth phosphor, 82 CRI, suitable for IS or RS operation

**Product Information**

Abbrev. With Packaging Info.	FBO31835 15/CS 1/SKU
Actual Length (in)	22.6
Actual Length (mm)	574.0
Average Rated Life (hr)	20000
Base	Medium Bipin
Bulb	T8
Color Rendering Index (CRI)	82
Color Temperature/CCT (K)	3500
Diameter (in)	1.10
Diameter (mm)	27.8
Family Brand Name	Octron® 800
Industry Standards	ANSI C78.81 - 2001
Initial Lumens at 25C	2725
Mean Lumens at 25C	2507
Nominal Length (in)	22.5
Nominal Wattage (W)	31.00

**Additional Product Information**

**[Product Documents, Graphs, and Images](#)**

**[Compatible Ballast](#)**

**[Packaging Information](#)**





#### Footnotes

- Approximate initial lumens after 100 hours operation.
- The life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballast meeting ANSI specifications. If burning cycle is increased, there will be a corresponding increase in the average hours life.
- The life rating of OTRON and OTRON Curvalume lamps operated on magnetic rapid start ballasts is 20,000 hours. The life rating of OTRON and OTRON Curvalume lamps operated on instant start electronic ballasts is 15,000 hours.
- Minimum starting temperature is a function of the ballast; consult the ballast manufacturer.
- OTRON lamps should be operated only with magnetic rapid start ballasts designed to operate 265 mA, T-8 lamps or high frequency (electronic) ballasts that are either instant start, or rapid start, or programmed rapid start specifically designed to operate T8 lamps. OTRON lamps may be operated on instant start ballasts with ballast factors ranging from a minimum of 0.71 to a maximum of 1.20 at the nominal ballast input voltage. When OTRON lamps are operated in the instant start mode, the two wires or two contacts of each socket should be connected to each other. They should then be connected to the appropriate ballast lead wire using National Electric Code techniques.
- Approximate length of OTRON CURVALUME lamps is measured from base face to outside of glass bend.
- For optimum performance OTRON CURVALUME 1 5/8 inch leg spacing lamps in the 3000K, 3500K and 4100K color temperatures are now available only in the 82CRI version (800 series). These lamps are made to the same color standards and may be used in combination with other SYLVANIA OTRON lamps to meet the needs of lighting installations where T8 lamps are used.

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