



**Product Number:** 21835

**Order Abbreviation:** FBO16/835

**General Description:** 16W, 10.5" 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.	FBO16835 15/CS 1/SKU
Actual Length (in)	10.598
Actual Length (mm)	269.19
Average Rated Life (hr)	20000
Base	Medium Bipin
Bulb	T8
Color Rendering Index (CRI)	82
Color Temperature/CCT (K)	3500
Diameter (in)	1.094
Diameter (mm)	27.80
Family Brand Name	Octron® 800
Industry Standards	ANSI C78.901 - 2001
Initial Lumens at 25C	1125
Mean Lumens at 25C	1035
Nominal Length (in)	10.500
Nominal Length (mm)	266.70
Nominal Wattage (W)	16.00



#### 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 OCTRON and OCTRON Curvalume lamps operated on magnetic rapid start ballasts is 20,000 hours. The life rating of OCTRON and OCTRON 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.
- OCTRON 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. OCTRON 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 OCTRON 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 OCTRON CURVALUME lamps is measured from base face to outside of glass bend.
- For optimum performance OCTRON 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 OCTRON lamps to meet the needs of lighting installations where T8 lamps are used.