



Product Number:	21870
Order Abbreviation:	FO28/950/40in
General Description:	28W, 40" MOL, T8 OCTRON fluorescent lamp, 5000K color temperature, 90 CRI, suitable for IS or RS operation. VIVID Color: High CRI lamps for color critical applications.

Product Information

Abbrev. With Packaging Info.	FO2895040in 30/CS 1/SKU
Actual Length (in)	39.780
Actual Length (mm)	1010.41
Average Rated Life (hr)	20000
Base	Medium Bipin
Bulb	T8
Color Rendering Index (CRI)	90
Color Temperature/CCT (K)	5000
Diameter (in)	1.098
Diameter (mm)	27.90
Family Brand Name	Octron® 900
Industry Standards	ANSI C78.81 - 2001
Initial Lumens at 25C	1400
Mean Lumens at 25C	1190
Nominal Length (in)	48.000
Nominal Length (mm)	1219.20
Nominal Wattage (W)	28.00
Life at 3 hrs./start on IS ballasts	15000
Life at 3 hrs./start on PRS ballasts	20000



Footnotes

- Approximate initial lumens after 100 hours operation.
- The life ratings of fluorescent lamps are based on 3 hr. operating cycles under specified conditions and with ballast meeting ANSI specifications. If operating 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 or programmed rapid start ballasts with ballast factors ranging from a minimum of 0.71 to a maximum of 1.20 at the nominal ballast input voltage (see ballast specs for details). When OCTRON lamps are operated in the instant start mode, the two contacts (bi-pin lamps) of each rapid start lampholder/socket should be connected to each other or use "shunted" circle I lampholders/sockets for instant start bi-pin lamps. Always disconnect power before servicing installations and wire per the ballast schematics and National Electric Code.
- Mean lumens are measured at 40% of average rated lamp life.

- The distance between any parts of the lamp and any conductive surface of the luminaire should not be less than 3 mm (applies to all high frequency ballasted systems).
- The lamp should not be in contact with any surface of the luminaire (applies to either high frequency or 60Hz ballasted systems).