



Product Number: 21880

Order Abbreviation: FO32/950/48in

General Description: 32W, 48" MOL, T8 OCTRON fluorescent lamp, 5000K color temperature, 90 CRI, suitable for IS or RS operation

Product Information

Abbrev. With Packaging Info.	FO3295048in 30/CS 1/SKU
Actual Length (in)	47.780
Actual Length (mm)	1213.61
Average Rated Life (hr)	30000
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	1800
Mean Lumens at 25C	1530
Nominal Length (in)	48.000
Nominal Length (mm)	1219.20
Nominal Wattage (W)	32.00
Life at 3 hrs./start on IS ballasts	15000
Life at 12 hrs./start on IS ballasts	24000
Life at 3 hrs./start on PRS ballasts	20000
Life at 12 hrs./start on PRS ballasts	28000



Footnotes

- The life rating of FO32/700/ECO OCTRON® lamps operated on rapid start ballasts is 25,000 hours. The life rating of FO32/700/ECO OCTRON lamps operated on instant start ballasts is 24,000 hours.
- 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.

- 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 balla schematics and National Electric Code.