



**Product Number:** 21870

**Order Abbreviation:** FO28/950/40in

**General Description:** 28W, 40" MOL, T8 OTRON fluorescent lamp, 5000K color temperature, 90 CRI, suitable for IS or RS operation

#### 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)	1.100
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



#### 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.