

**Product** 21678**Number:****Order** FO32/735/ECOSL**Abbreviation:**

General 32W, 48" MOL, T8 OCTRON fluorescent lamp, 3500K color
Description: temperature, rare earth phosphor, 75 CRI, suitable for IS or RS operation, ECOLOGIC SAFELINE shatter-resistant coating to help contain glass and other lamp components should the lamp be broken

*** Full Case Required****Product Information**

Abbrev. With Packaging Info.	FO32735ECOSL 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)	75
Color Temperature/CCT (K)	3500
Diameter (in)	1.098
Diameter (mm)	27.90
Family Brand Name	OCTRON® 700 ECOLOGIC® SAFELINE®
Industry Standards	ANSI C78.81 - 2001
Initial Lumens at 25C	2520
Mean Lumens at 25C	2320
Nominal Length (in)	48.000
Nominal Length (mm)	1219.20
Nominal Wattage (W)	32.00
Life at 3 hrs./start on IS ballasts	24000
Life at 12 hrs./start on IS ballasts	28000
Life at 3 hrs./start on PRS ballasts	30000
Life at 12 hrs./start on PRS ballasts	35000

**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.

- 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.
- SAFELINE lamps satisfy the criteria of having a non-shattering covering for prevention of glass and other lamp components in your product by containment within the safety coating material. The covering must be intact or the lamp must be replaced to be in compliance. An onsite inspector will require correction if the lamps are installed improperly or not maintained properly.
- SAFELINE lamps are intended for indoor use only. Lamps must be used in ambient temperatures below 135 degrees F. For T8 and T12 lamps, the coating is designed to withstand constant operating temperatures up to 239 degrees F and has a melting point in excess of 500 degrees F. For T5 lamps, the coating is designed to withstand constant operating temperatures up to 500 degrees F and has a melting point in excess of 620 degrees F. Lamps must be used in open fixtures with sockets that provide adequate lamp pin to socket contact. Lamps must not be used with defective ballasts sockets, or fixtures with improper wiring.