Product Number: 22450

Order Abbreviation: FO32/25W/841/XV/SS/ECO

General Description: 25W, 48in MOL, T8 OCTRON Extended Value SUPERSAVER® fluorescent lamp, 4100K color temperature, rare earth phosphor, 83 CRI, suitable for RS or IS operation, ECOLOGIC®

Product Information

Abbrev. With Packaging Info.	FO3225W841XVSSECO 30/CS 1/SKU
Actual Length (in)	47.780
Actual Length (mm)	1213.61
Average Rated Life (hr)	40000
Base	Medium Bipin
Bulb	T8
Color Rendering Index (CRI)	83
Color Temperature/CCT (K)	4100
Diameter (in)	1.098
Diameter (mm)	27.90
Family Brand Name	OCTRON® 800 XV^^ SS, ECOLOGIC®
Industry Standards	ANSI C78.81 - 2003
Initial Lumens at 25C	2400
Mean Lumens at 25C	2255
Nominal Length (in)	48.000
Nominal Length (mm)	1219.20
Nominal Wattage (W)	25.00
Outside Diameter (in)	1.098
Outside Diameter (mm)	27.9
Life at 3 hrs./start on IS ballasts	24000
Life at 12 hrs./start on IS ballasts	40000
Life at 3 hrs./start on PRS ballasts	40000
Life at 12 hrs./start on PRS ballasts	42000

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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.
- 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.

- SYLVANIA ECOLOGIC fluorescent lamps are designed to pass the Federal Toxic Characteristic Leaching Procedure (TCLP) criteria for classification as non-hazardous waste in most states. TCLP test results are available upon request. Lamp disposal regulations may vary, check your local & state regulations. For more information, please visit www.lamprecycle.org
- 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).
- SUPERSAVER (SS) lamps are recommended to be used on F32T8 Instant or Programmed Rapid Start ballasts with minimum open circuit voltage of 550V RMS at the lamp. Not recommended to be used: (1) in remotely ballasted fixtures with lamp open circuit voltages below 550V, (2) with Rapid Start ballasts unless the lamp open circuit voltage is greater than 570V, (3) in air handling fixtures, (4) on low power factor ballasts or (5) inverter operated emergency lighting systems unless the equipment is specifically listed for particular lamps. Any of the above situations could result in lamp starting and stabilization problems, or system compatibility issues. If an operating 28W, 21W or 15W SUPERSAVER lamp is exposed to drafts or the ambient temperature falls below 60ºF (70ºF for 25W), striation (a rhythmic pulsing pattern of light running down the tube) and/or reduction in lamp brightness may occur. While visually disconcerting, neither behavior is damaging to the lamp and removing the cause (draft or temperature) will return the lamp to normal operation.