



**Product Number:** 21421

**Order Abbreviation:** FO28/841/XV/SS/ECO

**General Description:** 28W, 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.	FO28841XVSSECO 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 - 2001
Initial Lumens at 25C	2600
Mean Lumens at 25C	2445
Nominal Length (in)	48.000
Nominal Length (mm)	1219.20
Nominal Voltage (V)	115.00
Nominal Wattage (W)	28.00
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

### Footnotes

- If an operating lamp is exposed to drafts or the ambient temperature falls below 60 degrees F, 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.
- The 40,000 hour average rated life of OCTRON® 800XP®, XP/SS and XPS lamps is based on operation at 3 hours per start on a QUICKTRONIC® programmed rapid start ballast. Average rated life is 42,000 hours at 12 hours per start on a programmed rapid start ballast. On an instart start ballast, the average rated life is 40,000 hours at 12 hours per start, and 24,000 hours at 3 hours per start.
- 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.
- 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](http://www.lamprecycle.org)
- Recommended to be used on any F32 T8 Instant Start circuit. It is not recommended to be used:(1) with Rapid Start circuits unless the open circuit voltage is greater than 550V, (2) at lamp ambient temperatures below 60 degrees F or in drafty locations, (3) on dimming ballast or (4) inverter operated emergency lighting systems unless any of the above equipment is specifically listed for use with the OCTRON(R) SUPERSAVER(R) 28 or 30 watt, 4 foot or 30W U-bent T8 lamp. Any of the above situations could result in lamp starting and stabilization problems