

Product Details



Product Number: 22179
Order Abbreviation: FO28/841/XP/SS/ECO3
General Description: 28W, 48" MOL, T8 OCTRON Extended Performance Supersaver fluorescent lamp, 4100K color temperature, rare earth phosphor, 85 CRI, suitable for IS operation, ECOLOGIC®3

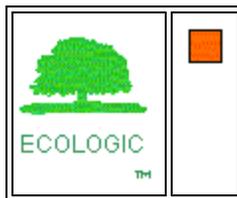
Product Information

Abbrev. With Packaging Info.	FO28841XPSSECO3 30/CS 1/SKU
Actual Length (in)	47.78
Actual Length (mm)	1213.6
Average Rated Life (hr)	36000
Base	Medium Bipin
Bulb	T8
Color Rendering Index (CRI)	85
Color Temperature/CCT (K)	4100
Diameter (in)	1.1
Diameter (mm)	27.9
Family Brand Name	OCTRON® 800 XP® SS, ECOLOGIC®3
Industry Standards	ANSI C78.81 - 2001
Initial Lumens at 25C	2725
Mean Lumens at 25C	2590
Nominal Length (in)	48
Nominal Wattage (W)	28.00

Additional Product Information

[Product Documents, Graphs, and Images](#)

[Packaging Information](#)



Footnotes

- ⚡ This lamp may also be operated by the OSRAM SYLVANIA QUICKTRONIC(R) PSN ballast (.88 BF), or the QUICKTRONIC PSX ballast (.71 BF).
- ⚡ The life of this lamp, operated on instant start electronic ballasts is 24,000 hours based on the industry standard life test standard of 3 hours per start.
- ⚡ The 36,000 hour average rated life of the linear 2,3,4 and 5 foot OCTRON® 800XP/ECO, FO30/800XP/SS/ECO, FO28/800XP/SS/ECO and FO32/25W/800XP/SS/ECO. OCTRON(R) lamps is based on operation at 3 hours per start on a QUICKTRONIC(R) programmed

Product Details

start ballast. If operated on other ballasts for T8 OCTRON lamps, lamp life will be 36,000 hours for programmed rapid start operation and 24,000 hours for instant start operation at 3 hours per start.”

- ⚡ 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.
- ⚡ 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
- ⚡ The lamp lumen maintenance factor used to determine the mean lumen value was 95%. This is the lamp lumen maintenance factor at 8000 hours, 40% of 20,000 hours. It was used for comparison to standard OCTRON(R) lamps with an average rated life of 20,000 hours. The lamp lumen maintenance factor at 40% of 24,000 hours, 9600 hours, would be 94%. The lamp lumen maintenance factor at 40% of 30,000 hours, 12,000 hours, would be 93%. The lamp lumen maintenance factor at 40% of 36,000 hours, 14,400 hours would also be 93%.
- ⚡ 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