

**Product** 22034**Number:****Order** FO96/835/XP/ECO**Abbreviation:**

**General** 59W, 96" MOL, T8 OCTRON XP Extended Performance fluorescent  
**Description:** lamp, 3500K color temperature, rare earth phosphor, 85 CRI, suitable for IS operation, 18000 hours average rated life, ECOLOGIC

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

Abbrev. With Packaging Info.	FO96835XPECO 24/CS 1/SKU
Actual Length (in)	94.000
Actual Length (mm)	2387.60
Average Rated Life (hr)	18000
Base	Single Pin
Bulb	T8
Color Rendering Index (CRI)	85
Color Temperature/CCT (K)	3500
Diameter (in)	1.096
Diameter (mm)	27.84
Family Brand Name	OCTRON® 800 XP®, ECOLOGIC®
Industry Standards	ANSI C78.81 - 2001
Initial Lumens at 25C	6100
Mean Lumens at 25C	5795
Mean Lumens at 35C	5795
Nominal Length (in)	96.000
Nominal Length (mm)	2438.40
Nominal Wattage (W)	59.00
Life at 3 hrs./start on IS ballasts	24000
Life at 12 hrs./start on IS ballasts	36000

**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.
- Lumen output rated on high frequency operation. 60 HZ operation would result in lower lumen output.

- Life rating of OCTRON XP lamps operated on instant start electronic ballasts is 18,000 hours based on the industry standard life test cycle of 3 hours per start.
- Minimum starting temperature is a function of the ballast; consult the ballast manufacturer.
- 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)
- The lumen maintenance factor used to determine the mean lumen value was 95%. This is the lamp lumen maintenance factor at 6000 hours, 40% of 15,000 hours. It was used to allow comparison to standard OCTRON(R) lamps with an average rated life of 15000 hours. The lamp lumen maintenance factor at 40% of the 18,000 hour average rated life of this lamp, 7200 hours, would be 94%.