

**Product** 22173**Number:****Order** FO96/850/ECO**Abbreviation:****General** 59W, 96" MOL, T8 OCTRON fluorescent lamp, 5000K color**Description:** temperature, rare earth phosphor, 80 CRI, suitable for IS operation, ECOLOGIC**\* Full Case Required****Product Information**

Abbrev. With Packaging Info.	FO96850ECO 24/CS 1/SKU
Actual Length (in)	94.000
Actual Length (mm)	2387.60
Average Rated Life (hr)	15000
Base	Single Pin
Bulb	T8
Color Rendering Index (CRI)	80
Color Temperature/CCT (K)	5000
Diameter (in)	1.096
Diameter (mm)	27.84
Family Brand Name	Octron® 800, Ecologic
Industry Standards	ANSI C78.81 - 2001
Initial Lumens at 25C	5900
Mean Lumens at 25C	5428
Mean Lumens at 35C	5428
Nominal Length (in)	96.000
Nominal Length (mm)	2438.40
Nominal Wattage (W)	59.00
Life at 3 hrs./start on IS ballasts	18000
Life at 12 hrs./start on IS ballasts	24000

**Footnotes**

- The lumen maintenance factor used to determine the mean lumens value was 92%, measured at 40% of the average rated life, 15,000 hours. The lumen maintenance factor at 4,000-4,800 hours (for comparison to F96T12 HO and F96T12 Slimline instant start lamps) is 93%.
- 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.
- 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)