



**Product Number:** 21681

**Order Abbreviation:** FO32/841/XPS/ECO3

**General Description:** 48" MOL, T8  
OCTRON XPS  
Extended Performance Super fluorescent lamp, 4100K color temperature, rare earth phosphor, 85 CRI, ECOLOGIC suitable for IS and RS operation, ECOLOGIC®3

Product Information	
Abbrev. With Packaging Info.	FO32841XPSECO3 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)	85
Color Temperature/CCT (K)	4100
Diameter (in)	1.098
Diameter (mm)	27.90
Family Brand Name	OCTRON® 800 XPS ECOLOGIC®3
Industry Standards	ANSI C78.81 - 2001
Initial Lumens at 25C	3100
Mean Lumens at 25C	2945
Nominal Length (in)	48.000
Nominal Length (mm)	1219.20
Nominal Wattage (W)	32.00



Footnotes
<ul style="list-style-type: none"> <li>• 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.</li> <li>• Approximate initial lumens after 100 hours operation.</li> <li>• 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.</li> </ul>

- 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 ballasts with ballast factors ranging from a minimum of 0.71 to a maximum of 1.20 at the nominal ballast input voltage. When OCTRON lamps are operated in the instant start mode, the two wires or two contacts of each socket should be connected to each other. They should then be connected to the appropriate ballast lead wire using National Electric Code techniques.
- 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)