

**Product** 21774**Number:****Order** FO25/841/XP/ECO3**Abbreviation:**

**General** 25W, 36" MOL, T8 OCTRON XP Extended Performance fluorescent  
**Description:** lamp, 4100K color temperature, rare earth phosphor, 85 CRI, suitable for IS or RS operation, ECOLOGIC®3

### Product Information

|                                       |                            |
|---------------------------------------|----------------------------|
| Abbrev. With Packaging Info.          | FO25841XPECO3 30/CS 1/SKU  |
| Actual Length (in)                    | 35.748                     |
| Actual Length (mm)                    | 908.00                     |
| 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 XP® ECOLOGIC®3 |
| Industry Standards                    | ANSI C78.81 - 2001         |
| Initial Lumens at 25C                 | 2175                       |
| Mean Lumens at 25C                    | 2065                       |
| Mean Lumens at 35C                    | 2065                       |
| Nominal Length (in)                   | 36.000                     |
| Nominal Length (mm)                   | 914.40                     |
| Nominal Wattage (W)                   | 25.00                      |
| 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

- 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 instant 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.
- 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)