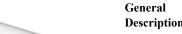
1/12/2018 Product Details

Product 22278

Number:

Order FO32/841/XP/ECO3/SL

Abbreviation:



**General** 32W, 48" MOL, T8 OCTRON XP Extended Performance lamp, 4100K color **Description:** temperature, rare earth phosphor, 85 CRI, suitable for IS or RS operation,

ECOLOGIC, SAFELINE shatter-resistant coating to help contain glass and

other components should the lamp break

\* Full Case Required

**Product Information** 

Abbrev. With Packaging Info. FO32841XPECO3SL 30/CS 1/SKU

Actual Length (in) 47.780
Actual Length (mm) 1213.61
Average Rated Life (hr) 36000

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® SS, ECOLOGIC® SAFELINE

Industry Standards ANSI C78.81 - 2005

2940 Initial Lumens at 25C Mean Lumens at 25C 2793 48.000 Nominal Length (in) 1219.20 Nominal Length (mm) Nominal Wattage (W) 32.00 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 42000 Life at 12 hrs./start on PRS ballasts



## **Footnotes**

- Approximate initial lumens after 100 hours operation.
- The life ratings of fluorescent lamps are based on 3 hr. operating cycles under specified conditions and with ballast meeting ANSI specifications. If operating 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 or programmed rapid start ballasts with ballast factors ranging from a minimum of 0.71 to a maximum of

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1.20 at the nominal ballast input voltage (see ballast specs for details). When OCTRON lamps are operated in the instant start mode, the two contacts (bi-pin lamps) of each rapid start lampholder/socket should be connected to each other or use "shunted" circle I lampholders/sockets for instant start bi-pin lamps. Always disconnect power before servicing installations and wire per the ballast schematics and National Electric Code.

- 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
- SAFELINE lamps satisfy the criteria of having a non-shattering covering for prevention of glass and other lamp components in your product by containment within the safety coating material. The covering must be intact or the lamp must be replaced to be in compliance. An onsite inspector will require correction if the lamps are installed improperly or not maintained properly.
- SAFELINE lamps are intended for indoor use only. Lamps must be used in ambient temperatures below 135 degrees F. For T8 and T12 lamps, the coating is designed to withstand constant operating temperatures up to 239 degrees F and has a melting point in excess of 500 degrees F. For T5 lamps, the coating is designed to withstand constant operating temperatures up to 500 degrees F and has a melting point in excess of 620 degrees F. Lamps must be used in open fixtures with sockets that provide adequate lamp pin to socket contact. Lamps must not be used with defective ballasts sockets, or fixtures with improper wiring.
- Mean lumens are measured at 40% of average rated lamp life.
- The distance between any parts of the lamp and any conductive surface of the luminaire should not be less than 3 mm (applies to all high frequency ballasted systems).
- The lamp should not be in contact with any surface of the luminaire (applies to either high frequency or 60Hz ballasted systems).