



**Product Number:** 21879

**Order Abbreviation:** FBO31/841

**General Description:** 31W, 22.5" MOL, T8 OTRON Curvalume fluorescent lamp, 1 5/8" leg spacing, 4100K color temperature rare earth phosphor, 82 CRI, suitable for IS or RS operation

#### Product Information

Abbrev. With Packaging Info.	FBO31841 15/CS 1/SKU
Average Rated Life (hr)	20000
Base	Medium Bipin
Bulb	T8
Color Rendering Index (CRI)	82
Color Temperature/CCT (K)	4100
Family Brand Name	Optron® 800
Initial Lumens at 25C	2725
Nominal Wattage (W)	31.00



#### 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.
- The life rating of OTRON Curvalume lamps operated on magnetic rapid start ballasts is 20,000 hours. The life rating of OTRON Curvalume lamps operated on instant start electronic ballasts is 15,000 hours.
- Minimum starting temperature is a function of the ballast; consult the ballast manufacturer.
- OTRON 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. OTRON 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 1.20 at the nominal ballast input voltage (see ballast specs for details). When OTRON 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.
- Approximate length of OTRON CURVALUME lamps is measured from base face to outside of glass bend.
- 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).