**Catalog Number** | F017841EC0  
**Manufacturer** | Sylvania-Ledvance  
**Description** | Linear Fluorescent Lamp, Medium Bi-Pin Base, T8 Bulb Shape, 82, 24000 H (3 HR On Instant Start);30000 H (12 HR On Instant Start);30000 H (3 HR On Programmed Rapid Start);36000 H (12 HR On Programmed Rapid Start) Average Life, 4100 K, 17 W, 1350 LM Brightness (Lumens), 1.098 In Diameter, 24 In Length, Instant;Rapid, 0.24 LB/Ea  
**Weight per unit** | 0.2400 (lbs/each)  
**Product Category** | Linear Fluorescent Straight La  

**Features**  
- **Base**: Medium Bipin  
- **Shape**: T8  
- **total harmonic distortion**: Ballast Dependent  

**Material, Color, and Finish**  
- **color rendering index (cri)**: 82 W  
- **color temperature**: 4100 LBS  
- **Finish**: Phosphor Coated  

**Descriptions**  
- **Description**: 17W T8 24" 4100K 82 CRI BI-PIN  

**Manufacturer Information**  
- **Brand**: Sylvania (Usc)  
- **GTIN**: 00046135221378  
- **Manufacturers Part Number**: FO17/841/ECO/22137  
- **UPC**: 046135221378  

**Taxonomies, Classifications, and Categories**  
- **Category Description**: Fluorescent  
- **Type**: FLUORESCENT  

**Packaging**  
- **Carton**: 1  
- **Package**: 30  
- **Weight Per each**: 0.24
Product Details

Product Number: 22137  
Order Abbreviation: FO17/841/ECO  
General Description: 17W, 24" MOL, T8 OCTRON fluorescent lamp, 4100K color temperature, rare earth phosphor, 82 CRI, suitable for IS or RS operation, ECOLOGIC

Product Information

Abbrev. With Packaging Info. FO17841ECO 30/CS 1/SKU  
Actual Length (in) 23.78  
Actual Length (mm) 604.01  
Average Rated Life (hr) 30000  
Base Medium Bipin  
Bulb T8  
Color Rendering Index (CRI) 82  
Color Temperature/CCT (K) 4100  
Diameter (in) 1.098  
Diameter (mm) 27.90  
Family Brand Name OCTRON® 800, ECOLOGIC®  
Industry Standards ANSI C78.81 - 2001  
Initial Lumens at 25C 1350  
Mean Lumens at 25C 1270  
Nominal Length (in) 24.000  
Nominal Length (mm) 609.60  
Nominal Wattage (W) 17.00  
Life at 3 hrs./start on IS ballasts 24000  
Life at 12 hrs./start on IS ballasts 30000  
Life at 3 hrs./start on PRS ballasts 30000  
Life at 12 hrs./start on PRS ballasts 36000

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 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

http://ecom.sylvania.com/sylvaniab2b/catalog/ProductDetailsPrint.inc.jsp?isPrint=true
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
- 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).