

**Presented By:** iLightDepot  
**Contact Phone:** 513-272-0800  
**Contact E-mail:** sales@ilightdepot.com

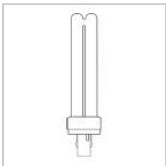
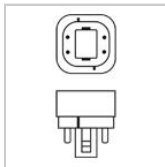
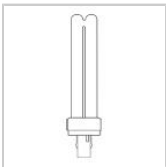
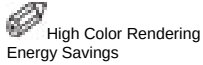
**Customer Name:**  
**Project Name:**  
**Fixture Type:**



GE  
Lighting

### 97600 - F18DBX/835/ECO4P

GE Ecolux® Biax® T4 - Facilities; Retail Display; Hospitality; Office; Restaurant; Warehouse



#### GENERAL CHARACTERISTICS

|                            |                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------|
| Lamp Type                  | Compact Fluorescent - Plug-In                                                          |
| Bulb                       | T4                                                                                     |
| Base                       | G24q-2                                                                                 |
| Rated Life                 | 17000.0 hrs                                                                            |
| Starting Temperature (MIN) | 0.0 °C                                                                                 |
| Cathode Resistance         | 6.05 Ohm                                                                               |
| LEED-EB MR Credit          | 182 picograms Hg per mean lumen hour                                                   |
| Additional Info            | Dimmable with appropriate dimming ballast./End of Life Protection (EOL)/TCLP compliant |
| Primary Application        | Facilities;Retail Display;Hospitality;Office;Restaurant;W                              |

#### PHOTOMETRIC CHARACTERISTICS

|                                 |          |
|---------------------------------|----------|
| Initial Lumens                  | 1250.0   |
| Mean Lumens                     | 970.0    |
| Nominal Initial Lumens per Watt | 69       |
| Color Temperature               | 3500.0 K |
| Color Rendering Index (CRI)     | 82.0     |

#### ELECTRICAL CHARACTERISTICS

|                                               |         |
|-----------------------------------------------|---------|
| Wattage                                       | 18.0    |
| Voltage                                       | 100.0   |
| Current (max)                                 | 5.25 A  |
| Open Circuit Voltage (after preheating) (MAX) | 220.0 V |
| Open Circuit Voltage Across Starter (MIN)     | 198.0 V |
| Lamp Current                                  | 0.22 A  |
| Preheat Voltage (MIN)                         | 4.25 V  |
| Current Crest Factor (MAX)                    | 1.7     |
| Supply Current Frequency                      | 60.0 Hz |

#### DIMENSIONS

|                              |                     |
|------------------------------|---------------------|
| Maximum Overall Length (MOL) | 5.8000 in(147.3 mm) |
| Nominal Length               | 5.800 in(147.3 mm)  |
| Base Face to Top of Lamp     | 5.200 in(132.1 mm)  |

#### PRODUCT INFORMATION

|                            |                  |
|----------------------------|------------------|
| Product Code               | 97600            |
| Description                | F18DBX/835/ECO4P |
| ANSI Code                  | 60501-IEC-2518-2 |
| Standard Package           | BUNDLE           |
| Standard Package GTIN      |                  |
| Standard Package Quantity  | 50               |
| Sales Unit                 | Unit             |
| No Of Items Per Sales Unit | 1                |
| No Of Items Per Standard   | 50               |
| Package                    |                  |
| UPC                        | 043168976008     |

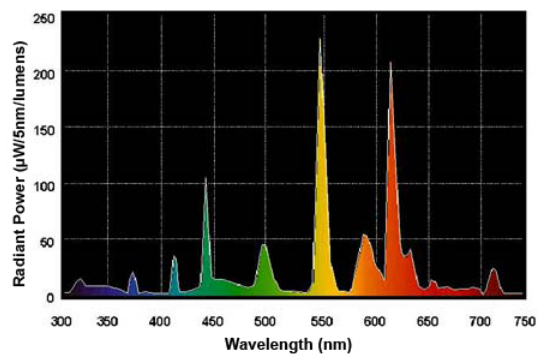
#### CAUTIONS & WARNINGS

##### Caution

- Lamp may shatter and cause injury if broken
  - Remove and install by grasping only plastic portion of the lamp.

#### GRAPHS & CHARTS

Graphs\_Spectral Power Distribution



#### NOTES

- 4-Pin lamp minimum starting temperature is a function of the ballast. Most ballasts are rated with a minimum starting temperature of 50 degrees F (10 C). Ballasts are also available that provide reliable starting to 0 degrees F (-18C) and -20 F (-29C).
- Based on 60Hz reference circuit.
- Cold cathode resistance is approximately 6.0 Ohms.
- Fluorescent lamp lumens decline during life