# GE Lighting
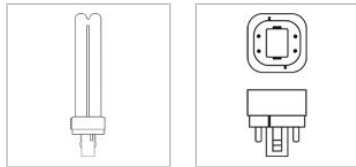
## 97598 - F18DBX/827/ECO4P

GE Ecolux® Biax® T4 - Facilities; Retail Display; Hospitality; Office; Restaurant; Warehouse
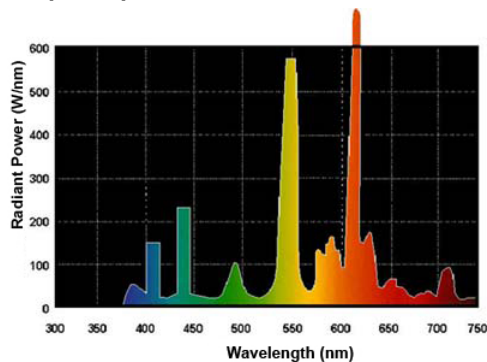
High Color Rendering
Energy Savings

### 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**



### GENERAL CHARACTERISTICS

| | |
|---|---|
| Lamp Type | Compact Fluorescent - Plug-In |
| Bulb | T4 |
| Base | G24q-2 |
| Equivalent Wattage (NOM) | 65.0  W |
| Rated Life (NOM) | 17000.0/20000.0  h |
| Starting Temperature (MIN) | 0.0  °C |
| Cathode Resistance (NOM) | 6.05  Ohm |
| Mercury Content (NOM) | 3.0  mg |
| Picograms of Mercury (NOM) | 181.9  pg |
| Additional Info | Dimmable with appropriate dimming ballast./End of Life Protection (EOL)/TCLP compliant |
| Primary Application | Facilities;Retail Display;Hospitality;Office;Restaurant;Wa |

### PHOTOMETRIC CHARACTERISTICS

| | |
|---|---|
| Initial Lumens (NOM) | 1250.0 |
| Mean Lumens (NOM) | 970.0 |
| Nominal Initial Lumens per Watt (NOM) | 69.44444 |
| Color Temperature (NOM) | 2700.0 K |
| Color Rendering Index (CRI) (NOM) | 82.0 |

### ELECTRICAL CHARACTERISTICS

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

### DIMENSIONS

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

### PRODUCT INFORMATION

| | |
|---|---|
| Product Code | 97598 |
| Description | F18DBX/827/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 Package | 50 |
| UPC | 043168975988 |

### 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