## 97599 – F18DBX/830/ECO4P

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

PRINT

High Color Rendering
Energy Savings



Bulb



Base



View Larger

### GENERAL CHARACTERISTICS

| | |
|---|---|
| Lamp type | Compact Fluorescent - Plug-In |
| Bulb | T4 |
| Base | G24q-2 |
| Wattage | 18 |
| Voltage | 100 |
| Rated Life | 12000 hrs/20000 hrs |
| Starting Temperature (MIN) | 0 ℃ (32 ℉) |
| Cathode Resistance | 6.050 Ohm |
| LEED-EB MR Credit | 344 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; Warehouse |

### PHOTOMETRIC CHARACTERISTICS

| | |
|---|---|
| Initial Lumens | 1200 |
| Mean Lumens | 970 |
| Nominal Initial Lumens per Watt | 66 |
| Color Temperature | 3000 K |
| Color Rendering Index (CRI) | 82 |

### ELECTRICAL CHARACTERISTICS

| | |
|---|---|
| Current (max) | 5.2500 A |
| Open Circuit Voltage (after preheating) (MAX) | 220 V |
| Open Circuit Voltage Across Starter (MIN) | 198 V |
| Lamp Current | 0.220 A |
| Preheat Voltage (MIN) | 4 V |
| Current Crest Factor (MAX) | 1.7 |
| Supply Current | 60 Hz |

### ADDITIONAL RESOURCES

**Catalogs**
**Testimonials**
**Disposal Policies & Recycling Information**

Frequency

**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 (132.0 mm) |

**PRODUCT INFORMATION**

| | |
|---|---|
| Product Code | 97599 |
| Description | F18DBX/830/ECO4P |
| ANSI Code | 60501-IEC-2518-2 |
| Standard Package | BUNDLE |
| Standard Package Quantity | 50 |
| Sales Unit | Unit |
| No Of Items Per Sales Unit | 1 |
| No Of Items Per Standard Package | 50 |
| UPC | 043168975995 |

**COMPATIBLE GE BALLASTS**

| Product Code | Description | # of Bulbs | Power Factor | Ballast Factor |
|---|---|---|---|---|
| 71430 | GEC213-MVPS-3W | 1 | 99.0 | 1.0 |
| 71428 | GEC213-MVPS-BES | 1 | 99.0 | 1.0 |
| 71429 | GEC213-MVPS-SE | 1 | 99.0 | 1.0 |
| 71434 | GEC218-MVPS-3W | 1 | 99.0 | 1.0 |
| 71432 | GEC218-MVPS-BES | 1 | 99.0 | 1.0 |
| 71433 | GEC218-MVPS-SE | 1 | 99.0 | 1.0 |

**⚠ CAUTIONS & WARNINGS**

See list of cautions & warnings.

**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

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