



Commercial Products &amp; Solutions

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[Products](#) > 97598**97598 – F18DBX/827/ECO4P**

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


 High Color Rendering  
Energy Savings
**GENERAL CHARACTERISTICS**

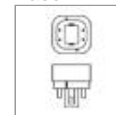
Lamp type	Compact Fluorescent - Plug-In
Bulb	T4
Base	G24q-2
Wattage	18
Voltage	100
Rated Life	12000 hrs/20000 hrs
Starting Temperature (MIN)	0 °C (32 °F)
Cathode Resistance	6.050 Ohm
LEED-EB MR Credit	344 picograms Hg per mean lumen hour
Additional Info	Dimmable with appropriate dimming ballast., End of Life Protection (EOL), TCLP compliant
Primary Application	Facilities; Retail Display; Hospitality; Office; Restaurant; Warehouse



Bulb



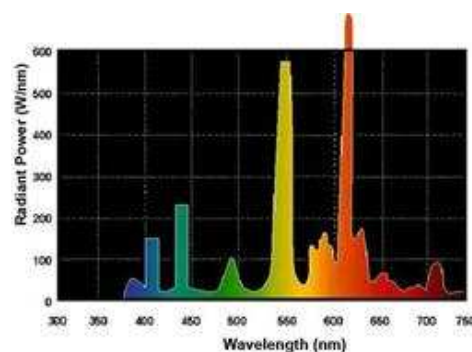
Base

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Initial Lumens	1200
Mean Lumens	970
Nominal Initial Lumens per Watt	66
Color Temperature	2700 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

**GRAPHS & CHARTS****Spectral Power Distribution**

Frequency

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#### 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)

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#### PRODUCT INFORMATION

Product Code	97598
Description	F18DBX/827/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	043168975988

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#### COMPATIBLE GE BALLASTS

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
<a href="#">71430</a>	GEC213-MVPS-3W	1	99.0	1.0
<a href="#">71428</a>	GEC213-MVPS-BES	1	99.0	1.0
<a href="#">71429</a>	GEC213-MVPS-SE	1	99.0	1.0
<a href="#">71434</a>	GEC218-MVPS-3W	1	99.0	1.0
<a href="#">71432</a>	GEC218-MVPS-BES	1	99.0	1.0
<a href="#">71433</a>	GEC218-MVPS-SE	1	99.0	1.0

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#### CAUTIONS & WARNINGS

[See list of cautions & warnings.](#)

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#### 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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[Return To Top](#)

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