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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

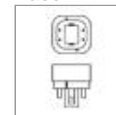
Lamp type	Compact Fluorescent - Plug-In
Bulb	T4
Base	G24q-2
Wattage	18
Voltage	100
Rated Life	12000 hrs/20000 hrs
Starting Temperature (MIN)	0 °C (32 °F)
Cathode Resistance	6.050 Ohm
LEED-EB MR Credit	344 picograms Hg per mean lumen hour
Additional Info	Dimmable with appropriate dimming ballast., End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



Bulb



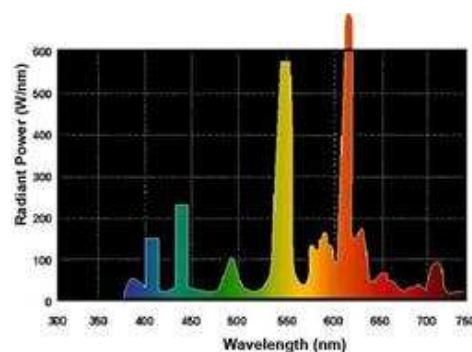
Base

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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

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	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

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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