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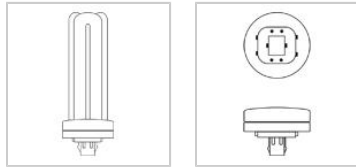
**Customer Name:**  
**Project Name:**  
**Fixture Type:**



GE  
Lighting

### 97635 - F42TBX/835/A/ECO

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



#### CAUTIONS & WARNINGS

##### Caution

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

#### 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).
- Amalgam product experience stable brightness over a wider temperature range and in various operating positions.
- Based on 60Hz reference circuit.
- Fluorescent lamp lumens decline during life

#### GENERAL CHARACTERISTICS

Lamp Type	Compact Fluorescent - Plug-In
Bulb	T4
Base	GX24-q4
Equivalent Wattage (NOM)	190.0 W
Rated Life (NOM)	17000.0 h
Starting Temperature (MIN)	-18.0 °C
Cathode Resistance (NOM)	2.7 Ohm
Mercury Content (NOM)	3.0 mg
Picograms of Mercury (NOM)	65.6 pg
Rated Life (rapid start) @ Time	17000.0 @ 3.0/20000.0 @ 12.0 h

#### 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 (NOM)	3200.0
Mean Lumens (NOM)	2690.0
Nominal Initial Lumens per Watt (NOM)	76.19048
Color Temperature (NOM)	3500.0 K
Color Rendering Index (CRI) (NOM)	82.0

#### ELECTRICAL CHARACTERISTICS

Wattage (NOM)	42.0
Voltage (NOM)	135.0
Current (max) (NOM)	5.25 A
Open Circuit Voltage (after preheating) (MAX)	265.0 V
Open Circuit Voltage (MIN)	515.0 V
Lamp Current (NOM)	0.32 A
Preheat Voltage (MIN)	4.25 V
Current Crest Factor (MAX)	1.7
Supply Current Frequency (NOM)	20.0 Hz

#### DIMENSIONS

Maximum Overall Length (MOL) (NOM)	6.400 in(162.6 mm)
Nominal Length (NOM)	6.400 in(162.6 mm)
Base Face to Top of Lamp (NOM)	5.770 in(146.6 mm)

#### PRODUCT INFORMATION

Product Code	97635
Description	F42TBX/835/A/ECO
ANSI Code	60901-IEC-7442-2
Standard Package	Case
Standard Package GTIN	10043168976357
Standard Package Quantity	10
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	10
UPC	043168976350