

**Presented By:** Candela Corporation  
**Contact Phone:** (800) 922-9226  
**Contact E-mail:** sales@candelacorp.com

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



GE  
Lighting

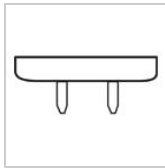
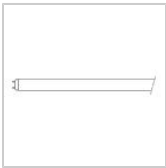
## 16313 - F32T8XLSPX50ECO

GE Ecolux® Starcoat® T8

- Passes TCLP, which can lower disposal costs.



High Color Rendering



### CAUTIONS & WARNINGS

#### Caution

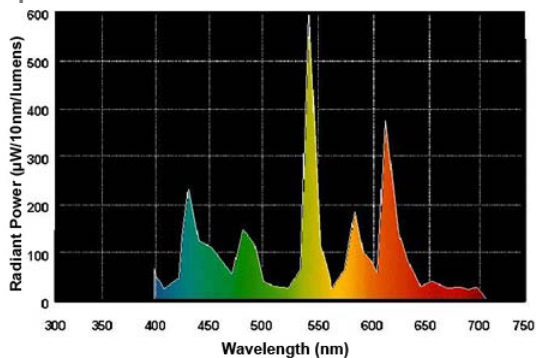
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

#### Warning

- Risk of Electric Shock
  - Turn power off before inspection, installation or removal.

### GRAPHS & CHARTS

#### Spectral Power Distribution



#### Lumen Maintenance

### GENERAL CHARACTERISTICS

Lamp Type	Linear Fluorescent - Straight
Bulb	Linear
Base	T8
Wattage	Medium Bi-Pin (G13)
Voltage	32
Rated Life	137
Rated Life (instant start) @ Time	36000 hrs
Rated Life (rapid start) @ Time	25000 h @ 3 h
	36000 h @ 12 h
	36000.0 @ 3.0/42000.0 @ 12.0 h
Bulb Material	Soda lime
Starting Temperature	10 K (50 °F)
LEED-EB MR Credit	41 picograms Hg per mean lumen hour

### PHOTOMETRIC CHARACTERISTICS

Initial Lumens	2800
Mean Lumens	2660
Nominal Initial Lumens per Watt	87
Color Temperature	5000 K
Color Rendering Index (CRI)	86
S/P Ratio (Scotopic/Photopic Ratio)	2

### ELECTRICAL CHARACTERISTICS

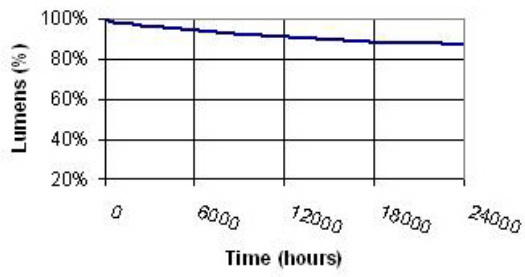
Open Circuit Voltage (rapid start) Min @ Temperature	315 V @ 10 °C
Cathode Resistance Ratio - Rh/Rc (MIN)	4.25
Cathode Resistance Ratio - Rh/Rc (MAX)	6.5
Current Crest Factor	1.7

### DIMENSIONS

Maximum Overall Length (MOL)	48 cm
Minimum Overall Length	47.67 cm
Nominal Length	48 cm
Bulb Diameter (DIA)	1 cm
Bulb Diameter (DIA) (MIN)	0.94 cm
Bulb Diameter (DIA) (MAX)	1 cm
Max Base Face to Base Face (A)	47.22 cm
Face to End of Opposing Pin (B) (MIN)	47.4 cm
Face to End of Opposing Pin (B) (MAX)	47.5 cm
End of Base Pin to End of Opposite Pin End (C)	47.67 cm

### PRODUCT INFORMATION

Product Code	16313
Description	F32T8XLSPX50ECO
ANSI Code	1005-2
Standard Package	Case
Standard Package GTIN	10043168163139
Standard Package Quantity	36
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	36
UPC	043168163132



#### Lamp Mortality

