

**Presented By:** Candela Corporation  
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**Customer Name:**  
**Project Name:**  
**Fixture Type:**



GE  
Lighting

## 42556 - F32T8XLSPX50HLEC

GE Ecolux® Starcoat® T8

- Passes TCLP, which can lower disposal costs.

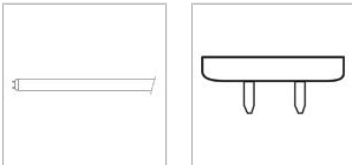
a product of  
**ecomagination™**



High Color Rendering  
Energy Savings



Reduced Wattage  
Meets Federal Minimum Efficiency Standards



### CAUTIONS & WARNINGS

#### Caution

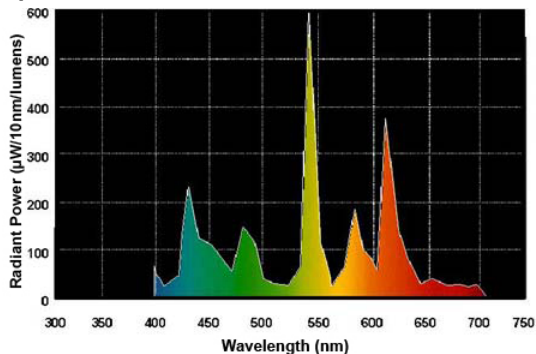
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

#### Warning

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

### GRAPHS & CHARTS

#### Spectral Power Distribution



### 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
Rated Life (rapid start) @ Time	36000 h @ 12 h
Rated Life (rapid start) @ Time	36000.0 @ 3.0/42000.0 @ 12.0 h
Bulb Material	Soda lime
Starting Temperature	10 K (50 °F)
LEED-EB MR Credit	39 picograms Hg per mean lumen hour
Additional Info	TCLP compliant

### PHOTOMETRIC CHARACTERISTICS

Initial Lumens	3000
Mean Lumens	2820
Nominal Initial Lumens per Watt	93
Color Temperature	5000 K
Color Rendering Index (CRI)	80
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

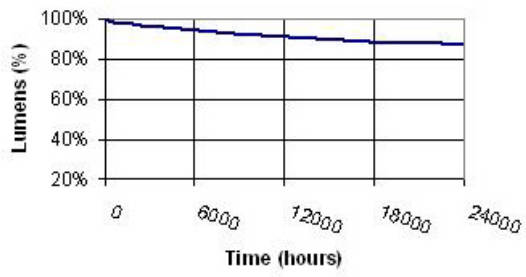
Maximum Overall Length (MOL)	47.78 cm
Minimum Overall Length	47.67 cm
Nominal Length	48 cm
Bulb Diameter (DIA)	1 cm
Bulb Diameter (DIA) (MIN)	0.94 cm
Bulb Diameter (DIA) (MAX)	1 cm
Max Base Face to Base Face (A)	47.22 cm
Face to End of Opposing Pin (B) (MIN)	47.4 cm
Face to End of Opposing Pin (B) (MAX)	47.5 cm
End of Base Pin to End of Opposite Pin End (C)	47.67 cm

### PRODUCT INFORMATION

Product Code	42556
Description	F32T8XLSPX50HLEC
ANSI Code	1005-2
Standard Package	Case
Standard Package GTIN	10043168425565
Standard Package Quantity	36
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	36
UPC	043168425568

### Lumen Maintenance

For additional information, visit [www.gelighting.com](http://www.gelighting.com)



#### Lamp Mortality

