



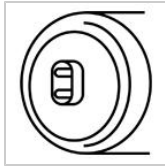
GE  
Lighting

## 12535 - F96T8/SPX50/HO

GE Starcoat® T8



High Color Rendering



### CAUTIONS & WARNINGS

#### Caution

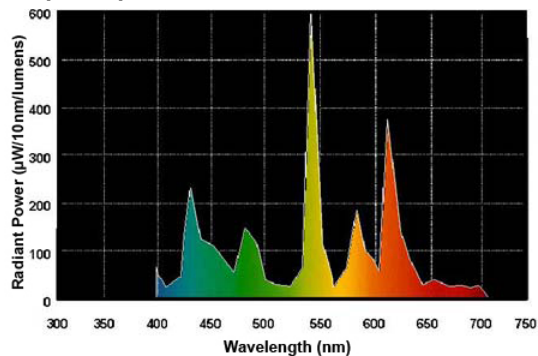
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

#### Warning

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

### GRAPHS & CHARTS

#### Graphs\_Spectral Power Distribution



### GENERAL CHARACTERISTICS

|                            |                                      |
|----------------------------|--------------------------------------|
| Lamp Type                  | Linear Fluorescent - Straight Linear |
| Bulb                       | T8                                   |
| Base                       | Recessed Double Contact (R17d)       |
| Rated Life (NOM)           | 18000.0 h                            |
| Bulb Material              | Soda lime                            |
| Starting Temperature (MIN) | -29.0 °C                             |
| Mercury Content (NOM)      | 90.0 mg                              |
| Picograms of Mercury (NOM) | 641.0 pg                             |
| Primary Application        | Full Wattage                         |

### PHOTOMETRIC CHARACTERISTICS

|                                       |          |
|---------------------------------------|----------|
| Initial Lumens (NOM)                  | 8200.0   |
| Mean Lumens (NOM)                     | 7800.0   |
| Nominal Initial Lumens per Watt (NOM) | 95.34884 |
| Color Temperature (NOM)               | 5000.0 K |
| Color Rendering Index (CRI) (NOM)     | 82.0     |

### ELECTRICAL CHARACTERISTICS

|                                                      |               |
|------------------------------------------------------|---------------|
| Wattage (NOM)                                        | 86.0          |
| Open Circuit Voltage (rapid start) Min @ Temperature | 550 V @ 10 °C |
| Cathode Resistance Ratio - Rh/Rc (MIN)               | 4.25          |
| Cathode Resistance Ratio - Rh/Rc (MAX)               | 6.5           |
| Current Crest Factor (MAX)                           | 1.7           |

### DIMENSIONS

|                                                      |                      |
|------------------------------------------------------|----------------------|
| Maximum Overall Length (MOL) (NOM)                   | 96.000 in(2438.4 mm) |
| Minimum Overall Length (NOM)                         | 93.720 in(2380.5 mm) |
| Nominal Length (NOM)                                 | 96.000 in(2438.4 mm) |
| Bulb Diameter (DIA) (MIN)                            | 0.940 in(23.9 mm)    |
| Bulb Diameter (DIA) (MAX)                            | 1.100 in(27.9 mm)    |
| Bulb Diameter (DIA) (NOM)                            | 1.000 in(25.4 mm)    |
| End of Base Pin to End of Opposite Pin End (C) (NOM) | 93.720 in(2380.5 mm) |

### PRODUCT INFORMATION

|                                  |                |
|----------------------------------|----------------|
| Product Code                     | 12535          |
| Description                      | F96T8/SPX50/HO |
| ANSI Code                        | 1501-1         |
| Standard Package                 | Case           |
| Standard Package GTIN            | 10043168125359 |
| Standard Package Quantity        | 24             |
| Sales Unit                       | Unit           |
| No Of Items Per Sales Unit       | 1              |
| No Of Items Per Standard Package | 24             |
| UPC                              | 043168125352   |