



GE  
Lighting

## 23466 - F96T12/SPX50

GE T12



High Color Rendering  
Meets Federal Minimum Efficiency Standards



### GENERAL CHARACTERISTICS

|                            |                               |
|----------------------------|-------------------------------|
| Lamp Type                  | Linear Fluorescent - Straight |
| Bulb                       | Linear                        |
| Base                       | T12                           |
| Rated Life (NOM)           | Single Pin (Fa8)              |
| Bulb Material              | 12000.0 h                     |
| Starting Temperature (MIN) | Soda lime                     |
| Mercury Content (NOM)      | 10.0 °C                       |
| Picograms of Mercury (NOM) | 15.0 mg                       |
| Primary Application        | 212.6 pg                      |
|                            | Full Wattage                  |

### PHOTOMETRIC CHARACTERISTICS

|                                       |          |
|---------------------------------------|----------|
| Initial Lumens (NOM)                  | 6250.0   |
| Mean Lumens (NOM)                     | 5880.0   |
| Nominal Initial Lumens per Watt (NOM) | 83.33333 |
| Color Temperature (NOM)               | 5000.0 K |
| Color Rendering Index (CRI) (NOM)     | 80.0     |

### ELECTRICAL CHARACTERISTICS

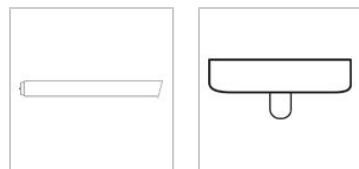
|                                                         |               |
|---------------------------------------------------------|---------------|
| Wattage (NOM)                                           | 75.0          |
| Open Circuit Voltage (instant start ) Min @ Temperature | 565 V @ 10 °C |
| 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)          | 93.740 in(2381.0 mm) |
| Nominal Length (NOM)                  | 96.000 in(2438.4 mm) |
| Bulb Diameter (DIA) (MIN)             | 1.410 in(35.8 mm)    |
| Bulb Diameter (DIA) (MAX)             | 1.590 in(40.4 mm)    |
| Bulb Diameter (DIA) (NOM)             | 1.500 in(38.1 mm)    |
| Max Base Face to Base Face (A) (NOM)  | 93.300 in(2369.8 mm) |
| Face to End of Opposing Pin (B) (MIN) | 93.420 in(2372.9 mm) |
| Face to End of Opposing Pin (B) (MAX) | 93.650 in(2378.7 mm) |

### PRODUCT INFORMATION

|                            |                |
|----------------------------|----------------|
| Product Code               | 23466          |
| Description                | F96T12/SPX50   |
| ANSI Code                  | 3007-1         |
| Standard Package           | Case           |
| Standard Package GTIN      | 10043168234662 |
| Standard Package Quantity  | 15             |
| Sales Unit                 | Unit           |
| No Of Items Per Sales Unit | 1              |
| No Of Items Per Standard   | 15             |
| Package                    |                |
| UPC                        | 043168234665   |



### CAUTIONS & WARNINGS

#### Caution

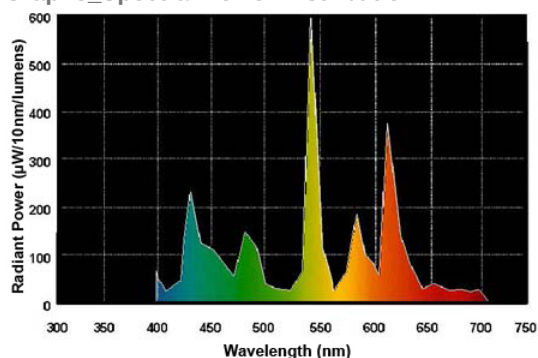
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

#### Warning

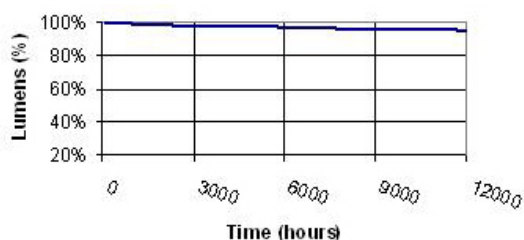
- Risk of Electric Shock
  - Turn power off before inspection, installation or removal.

### GRAPHS & CHARTS

#### Graphs\_Spectral Power Distribution



#### Graphs\_Lumen Maintenance



#### Graphs\_Lamp Mortality

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

