



GE  
Lighting

## 10416 - F25T8XLSPX50/ECO

GE Ecolux® Starcoat® T8

- Passes TCLP, which can lower disposal costs.



High Color Rendering

Photo  
Not Available



### CAUTIONS & WARNINGS

#### Caution

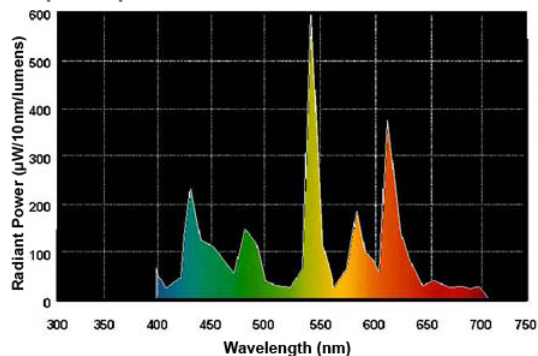
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

#### Warning

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

### GRAPHS & CHARTS

#### Graphs\_Spectral Power Distribution



#### Graphs\_Lumen Maintenance

### GENERAL CHARACTERISTICS

|                                   |                                |
|-----------------------------------|--------------------------------|
| Lamp Type                         | Linear Fluorescent - Straight  |
| Bulb                              | Linear                         |
| Base                              | T8                             |
| Rated Life (NOM)                  | Medium Bi-Pin (G13)            |
| Rated Life (instant start) @ Time | 40000.0 h                      |
| Rated Life (rapid start) @ Time   | 18000 h @ 3 h                  |
|                                   | 24000 h @ 12 h                 |
|                                   | 40000.0 @ 3.0/45000.0 @ 12.0 h |
| Bulb Material                     | Soda lime                      |
| Starting Temperature (MIN)        | 10.0 °C                        |
| Mercury Content (NOM)             | 2.95 mg                        |
| Picograms of Mercury (NOM)        | 84.4 pg                        |
| Additional Info                   | TCLP compliant                 |
| Primary Application               | Full Wattage                   |

### PHOTOMETRIC CHARACTERISTICS

|                                       |          |
|---------------------------------------|----------|
| Initial Lumens (NOM)                  | 2050.0   |
| Mean Lumens (NOM)                     | 1950.0   |
| Nominal Initial Lumens per Watt (NOM) | 82.0     |
| Color Temperature (NOM)               | 5000.0 K |
| Color Rendering Index (CRI) (NOM)     | 82.0     |

### ELECTRICAL CHARACTERISTICS

|                                                      |               |
|------------------------------------------------------|---------------|
| Wattage (NOM)                                        | 25.0          |
| Open Circuit Voltage (rapid start) (MAX)             | 355.0 V       |
| Open Circuit Voltage (rapid start) Min @ Temperature | 260 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)                   | 36.000 in(914.4 mm) |
| Minimum Overall Length (NOM)                         | 35.670 in(906.0 mm) |
| Nominal Length (NOM)                                 | 36.000 in(914.4 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)   |
| Outside Bulb Diameter (MIN)                          | 35.670 in(906.0 mm) |
| Max Base Face to Base Face (A) (NOM)                 | 35.220 in(894.6 mm) |
| Face to End of Opposing Pin (B) (MIN)                | 35.400 in(899.2 mm) |
| Face to End of Opposing Pin (B) (MAX)                | 35.500 in(901.7 mm) |
| End of Base Pin to End of Opposite Pin End (C) (NOM) | 35.670 in(906.0 mm) |

### PRODUCT INFORMATION

|                                  |                  |
|----------------------------------|------------------|
| Product Code                     | 10416            |
| Description                      | F25T8XLSPX50/ECO |
| ANSI Code                        | 1002-1           |
| Standard Package                 | Case             |
| Standard Package GTIN            | 10043168104163   |
| Standard Package Quantity        | 24               |
| Sales Unit                       | Unit             |
| No Of Items Per Sales Unit       | 1                |
| No Of Items Per Standard Package | 24               |
| UPC                              | 043168104166     |

Photo  
Not Available

Graphs\_Lamp Mortality

Photo  
Not Available