



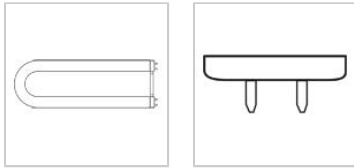
GE  
Lighting

## 41777 - F31T8/SPX35/U

GE Mod-U-line® T8



High Color Rendering  
Meets Federal Minimum Efficiency Standards



### CAUTIONS & WARNINGS

#### Caution

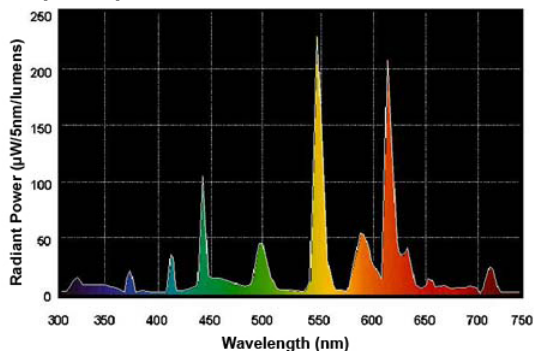
- Improper handling may cause breakage.
  - Do not carry lamp by bracket.
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

#### Warning

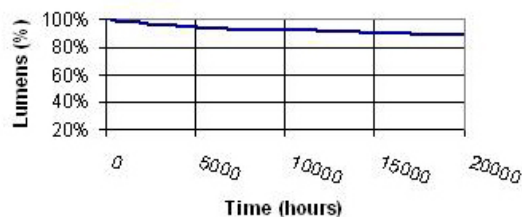
- Risk of Electric Shock
  - Turn power off before inspection, installation or removal.

### GRAPHS & CHARTS

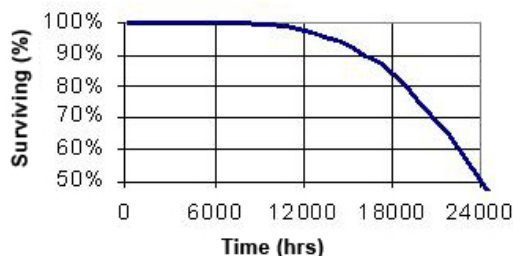
#### Graphs\_Spectral Power Distribution



#### Graphs\_Lumen Maintenance



#### Graphs\_Lamp Mortality



### GENERAL CHARACTERISTICS

|                            |                               |
|----------------------------|-------------------------------|
| Lamp Type                  | Linear Fluorescent - U-Shaped |
| Bulb                       | T8                            |
| Base                       | Medium Bi-Pin (G13)           |
| Rated Life (NOM)           | 20000.0 h                     |
| Bulb Material              | Soda lime                     |
| Starting Temperature (MIN) | 10.0 °C                       |
| Mercury Content (NOM)      | 8.0 mg                        |
| Picograms of Mercury (NOM) | 166.7 pg                      |

### PHOTOMETRIC CHARACTERISTICS

|                                       |          |
|---------------------------------------|----------|
| Initial Lumens (NOM)                  | 2725.0   |
| Mean Lumens (NOM)                     | 2400.0   |
| Nominal Initial Lumens per Watt (NOM) | 87.90323 |
| Color Temperature (NOM)               | 3500.0 K |
| Color Rendering Index (CRI) (NOM)     | 82.0     |

### ELECTRICAL CHARACTERISTICS

|                                                      |               |
|------------------------------------------------------|---------------|
| Wattage (NOM)                                        | 31.0          |
| 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 (MAX)                           | 1.7           |

### DIMENSIONS

|                                         |                     |
|-----------------------------------------|---------------------|
| Maximum Overall Length (MOL) (NOM)      | 22.600 in(574.0 mm) |
| Minimum Overall Length (NOM)            | 22.250 in(565.2 mm) |
| Nominal Length (NOM)                    | 22.500 in(571.5 mm) |
| Bulb Diameter (DIA) (NOM)               | 1.000 in(25.4 mm)   |
| Bulb Diameter in Bend (MIN)             | 0.940 in(23.9 mm)   |
| Bulb Diameter in Bend (MAX)             | 1.100 in(27.9 mm)   |
| Bulb Diameter in Legs (MIN)             | 0.940 in(23.9 mm)   |
| Bulb Diameter in Legs (MAX)             | 1.100 in(27.9 mm)   |
| Base Face to Top of Lamp (NOM)          | 22.250 in(565.2 mm) |
| Lamp Legs Center to Center Length (NOM) | 1.625 in(41.3 mm)   |

### PRODUCT INFORMATION

|                            |                   |
|----------------------------|-------------------|
| Product Code               | 41777             |
| Description                | F31T8/SPX35/U     |
| ANSI Code                  | 78901-ANSI-4026-1 |
| Standard Package           | Case              |
| Standard Package GTIN      | 10043168417775    |
| Standard Package Quantity  | 15                |
| Sales Unit                 | Unit              |
| No Of Items Per Sales Unit | 1                 |
| No Of Items Per Standard   | 15                |
| Package                    |                   |
| UPC                        | 043168417778      |