



GE  
Lighting

## 40804 - F32T8SP35ECO/CVG

### GE Ecolux® covRguard® Starcoat® T8 - Shatter-Resistant

• A shatter resistant lamp encased in a 15 ml Lexan sleeve. Complies with FDA food code 6-202 and 21CFR 110.20. NSF and UL certified. Blocks UV lamp emissions from 380 to 180 nm.

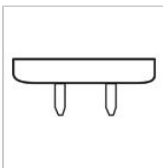
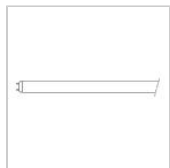
• Passes TCLP, which can lower disposal costs.



High Color Rendering



Reduced Wattage  
Meets Federal Minimum Efficiency Standards



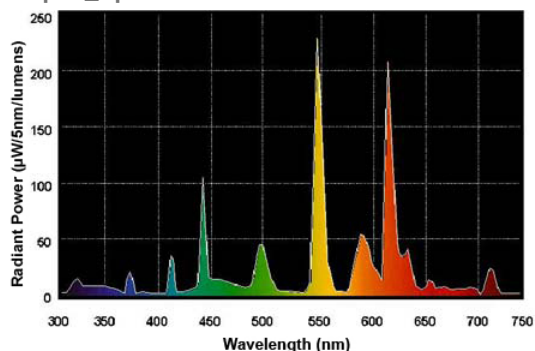
### CAUTIONS & WARNINGS

#### Warning

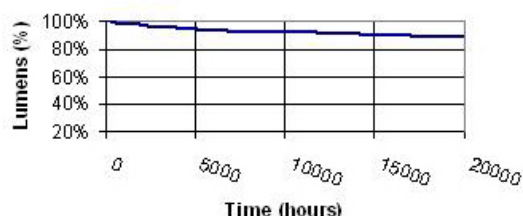
- Risk of Electric Shock
- Turn power off before inspection, installation or removal.

### GRAPHS & CHARTS

#### Graphs\_Spectral Power Distribution



#### Graphs\_Lumen Maintenance



#### Graphs\_Lamp Mortality

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

### GENERAL CHARACTERISTICS

|                                   |                                |
|-----------------------------------|--------------------------------|
| Lamp Type                         | Linear Fluorescent - Straight  |
| Bulb                              | Linear                         |
| Base                              | T8                             |
| Rated Life (NOM)                  | 30000.0 h                      |
| Rated Life (instant start) @ Time | 21000 h @ 3 h                  |
| Rated Life (rapid start) @ Time   | 30000 h @ 12 h                 |
| Rated Life (rapid start) @ Time   | 30000.0 @ 3.0/36000.0 @ 12.0 h |
| Bulb Material                     | Soda lime                      |
| Starting Temperature (MIN)        | 10.0 °C                        |
| Mercury Content (NOM)             | 2.95 mg                        |
| Picograms of Mercury (NOM)        | 51.0 pg                        |
| Additional Info                   | TCLP compliant                 |
| Primary Application               | Shatter-Resistant;Speciality   |

### PHOTOMETRIC CHARACTERISTICS

|                                           |          |
|-------------------------------------------|----------|
| Initial Lumens (NOM)                      | 2375.0   |
| Mean Lumens (NOM)                         | 2230.0   |
| Nominal Initial Lumens per Watt (NOM)     | 74.0     |
| Color Temperature (NOM)                   | 3500.0 K |
| Color Rendering Index (CRI) (NOM)         | 78.0     |
| S/P Ratio (Scotopic/Photopic Ratio) (NOM) | 1.4      |

### ELECTRICAL CHARACTERISTICS

|                                                      |               |
|------------------------------------------------------|---------------|
| Wattage (NOM)                                        | 32.0          |
| 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)                   | 48.000 in(1219.2 mm) |
| Minimum Overall Length (NOM)                         | 47.670 in(1210.8 mm) |
| Nominal Length (NOM)                                 | 48.000 in(1219.2 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)    |
| Max Base Face to Base Face (A) (NOM)                 | 47.220 in(1199.4 mm) |
| Face to End of Opposing Pin (B) (MIN)                | 47.400 in(1204.0 mm) |
| Face to End of Opposing Pin (B) (MAX)                | 47.500 in(1206.5 mm) |
| End of Base Pin to End of Opposite Pin End (C) (NOM) | 47.670 in(1210.8 mm) |

### PRODUCT INFORMATION

|                                  |                  |
|----------------------------------|------------------|
| Product Code                     | 40804            |
| Description                      | F32T8SP35ECO/CVG |
| ANSI Code                        | 1005-2           |
| Standard Package                 | Case             |
| Standard Package GTIN            | 10043168408049   |
| Standard Package Quantity        | 36               |
| Sales Unit                       | Unit             |
| No Of Items Per Sales Unit       | 1                |
| No Of Items Per Standard Package | 36               |
| UPC                              | 043168408042     |

