



GE
Lighting

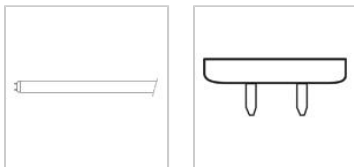
27620 - F32T8XL/SPX35ECO

GE Ecolux® Starcoat® T8

- Passes TCLP, which can lower disposal costs.
- Provides significantly longer life than standard lamp helping to reduce maintenance costs



High Color Rendering



CAUTIONS & WARNINGS

Caution

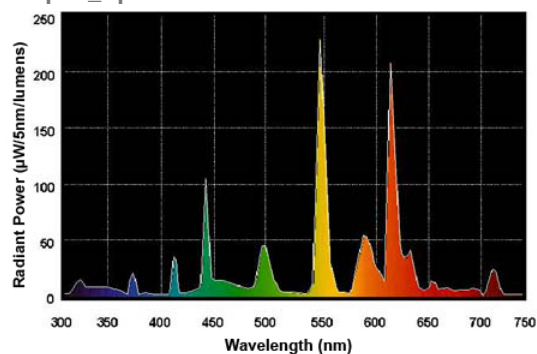
- Lamp may shatter and cause injury if broken
 - Wear safety glasses and gloves when handling lamp.
 - Do not use excessive force when installing lamp.

Warning

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

GRAPHS & CHARTS

Graphs_Spectral Power Distribution



Graphs_Lumen Maintenance

GENERAL CHARACTERISTICS

| | |
|-----------------------------------|--------------------------------------|
| Lamp Type | Linear Fluorescent - Straight Linear |
| Bulb | T8 |
| Base | Medium Bi-Pin (G13) |
| Rated Life (NOM) | 40000.0 h |
| Rated Life (instant start) @ Time | 25000 h @ 3 h |
| Rated Life (rapid start) @ Time | 36000 h @ 12 h |
| Rated Life (rapid start) @ Time | 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) | 25.9 pg |
| Additional Info | TCLP compliant |
| Primary Application | Full Wattage |

PHOTOMETRIC CHARACTERISTICS

| | |
|---|----------|
| Initial Lumens (NOM) | 2925.0 |
| Mean Lumens (NOM) | 2800.0 |
| Nominal Initial Lumens per Watt (NOM) | 92.1875 |
| Color Temperature (NOM) | 3500.0 K |
| Color Rendering Index (CRI) (NOM) | 85.0 |
| S/P Ratio (Scotopic/Photopic Ratio) (NOM) | 1.5 |

ELECTRICAL CHARACTERISTICS

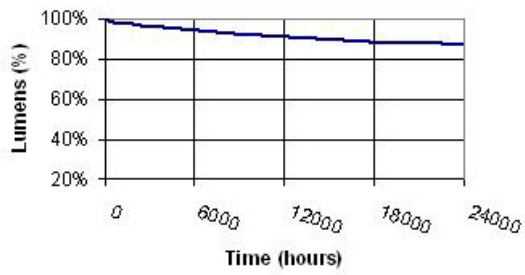
| | |
|--|---------------|
| Wattage (NOM) | 32.0 |
| Open Circuit Voltage (rapid start) Min @ Temperature | 315 V @ 10 °C |
| Cathode Resistance Ratio - Rh/Rc (MIN) | 4.25 |
| Cathode Resistance Ratio - Rh/Rc (MAX) | 6.5 |
| Current Crest Factor (MAX) | 1.7 |

DIMENSIONS

| | |
|--|----------------------|
| Maximum Overall Length (MOL) (NOM) | 47.780 in(1213.6 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 | 27620 |
| Description | F32T8XL/SPX35ECO |
| ANSI Code | 1005-2 |
| Standard Package | Case |
| Standard Package GTIN | 10043168276204 |
| Standard Package Quantity | 36 |
| Sales Unit | Unit |
| No Of Items Per Sales Unit | 1 |
| No Of Items Per Standard Package | 36 |
| UPC | 043168276207 |



Graphs_Lamp Mortality

