



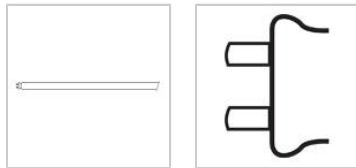
GE  
Lighting

### 46700 - F24W/T5/835/ECO

GE Ecolux® Starcoat® T5

- Passes TCLP, which can lower disposal costs.

a product of  
**ecomagination**



#### CAUTIONS & WARNINGS

##### Caution

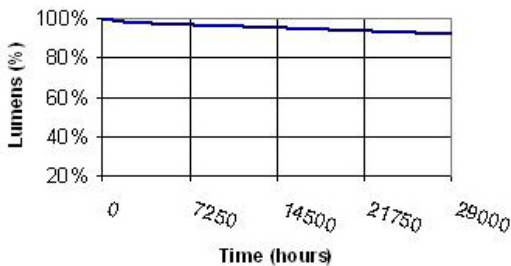
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

##### Warning

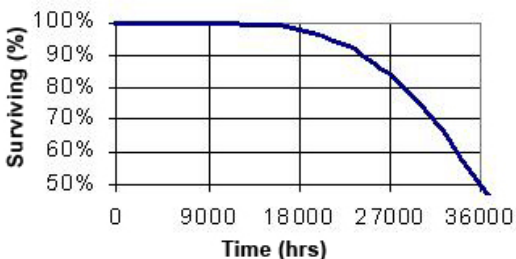
- Risk of Electric Shock
  - Turn power off before inspection, installation or removal.

#### GRAPHS & CHARTS

##### Graphs\_Lumen Maintenance



##### Graphs\_Lamp Mortality



#### GENERAL CHARACTERISTICS

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Lamp Type                       | Linear Fluorescent - Straight Linear |
| Bulb                            | T5                                   |
| Base                            | Miniature Bi-Pin (G5)                |
| Rated Life                      | 30000.0 hrs                          |
| Rated Life (rapid start) @ Time | 30000.0 @ 3.0/36000.0 @ 12.0 h       |
| Bulb Material                   | Soda lime                            |
| Starting Temperature (MIN)      | -20.0 °C                             |
| LEED-EB MR Credit               | 45 picograms Hg per mean lumen hour  |
| Additional Info                 | TCLP compliant                       |
| Primary Application             | Full Wattage                         |

#### PHOTOMETRIC CHARACTERISTICS

|                                     |          |
|-------------------------------------|----------|
| Initial Lumens                      | 2000.0   |
| Mean Lumens                         | 1840.0   |
| Nominal Initial Lumens per Watt     | 83       |
| Color Temperature                   | 3500.0 K |
| Color Rendering Index (CRI)         | 85.0     |
| S/P Ratio (Scotopic/Photopic Ratio) | 1.5      |

#### ELECTRICAL CHARACTERISTICS

|  |               |
|--|---------------|
| Wattage  | 24.0          |
| Voltage  | 75.0          |
| Open Circuit Voltage (rapid start) Min @ Temperature | 280 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)          | 21.6000 in(548.6 mm) |
| Nominal Length                        | 21.600 in(548.6 mm)  |
| Bulb Diameter (DIA) (MAX)             | 0.670 in(17.0 mm)    |
| Bulb Diameter (DIA)                   | 0.625 in(15.9 mm)    |
| Max Base Face to Base Face (A)        | 21.610 in(548.9 mm)  |
| Face to End of Opposing Pin (B) (MIN) | 21.790 in(553.5 mm)  |
| Face to End of Opposing Pin (B) (MAX) | 21.890 in(556.0 mm)  |

#### PRODUCT INFORMATION

|                                  |                 |
|----------------------------------|-----------------|
| Product Code                     | 46700           |
| Description                      | F24W/T5/835/ECO |
| Standard Package                 | Case            |
| Standard Package GTIN            | 10043168467008  |
| Standard Package Quantity        | 40              |
| Sales Unit                       | Unit            |
| No Of Items Per Sales Unit       | 1               |
| No Of Items Per Standard Package | 40              |
| UPC                              | 043168467001    |

# Graphs\_Spectral Power Distribution

