



GE  
Lighting

## 46684 - F21W/T5/835/ECO

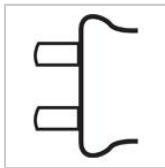
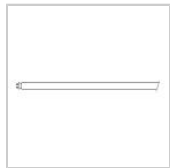
GE Ecolux® Starcoat® T5

- Passes TCLP, which can lower disposal costs.

a product of  
**ecomagination**



High Color Rendering



### CAUTIONS & WARNINGS

#### Caution

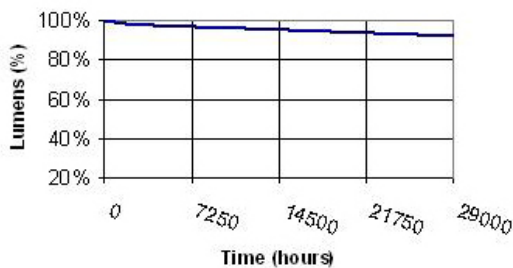
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

#### Warning

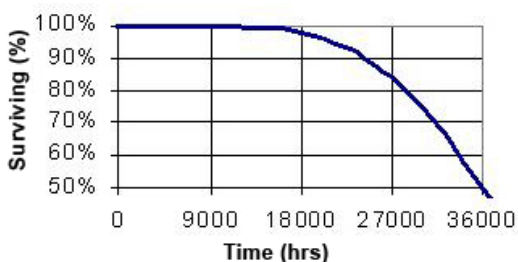
- Risk of Electric Shock
  - Turn power off before inspection, installation or removal.

### GRAPHS & CHARTS

#### Graphs\_Lumen Maintenance



#### Graphs\_Lamp Mortality



### GENERAL CHARACTERISTICS

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Lamp Type                       | Linear Fluorescent - Straight Linear |
| Bulb                            | T5                                   |
| Base                            | Miniature Bi-Pin (G5)                |
| Rated Life (NOM)                | 30000.0 h                            |
| Rated Life (rapid start) @ Time | 30000.0 @ 3.0/36000.0 @ 12.0 h       |
| Bulb Material                   | Soda lime                            |
| Starting Temperature (MIN)      | -20.0 °C                             |
| Mercury Content (NOM)           | 2.5 mg                               |
| Picograms of Mercury (NOM)      | 43.2 pg                              |
| Additional Info                 | TCLP compliant                       |
| Primary Application             | Full Wattage                         |

### PHOTOMETRIC CHARACTERISTICS

|                                           |          |
|-------------------------------------------|----------|
| Initial Lumens (NOM)                      | 2100.0   |
| Mean Lumens (NOM)                         | 1930.0   |
| Nominal Initial Lumens per Watt (NOM)     | 100.0    |
| 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)                                        | 21.0          |
| Open Circuit Voltage (rapid start) Min @ Temperature | 340 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)    | 33.400 in(848.4 mm) |
| Nominal Length (NOM)                  | 33.400 in(848.4 mm) |
| Bulb Diameter (DIA) (MAX)             | 0.670 in(17.0 mm)   |
| Bulb Diameter (DIA) (NOM)             | 0.625 in(15.9 mm)   |
| Max Base Face to Base Face (A) (NOM)  | 33.430 in(849.1 mm) |
| Face to End of Opposing Pin (B) (MIN) | 33.610 in(853.7 mm) |
| Face to End of Opposing Pin (B) (MAX) | 33.700 in(856.0 mm) |

### PRODUCT INFORMATION

|                            |                 |
|----------------------------|-----------------|
| Product Code               | 46684           |
| Description                | F21W/T5/835/ECO |
| Standard Package           | Case            |
| Standard Package GTIN      | 10043168466841  |
| Standard Package Quantity  | 40              |
| Sales Unit                 | Unit            |
| No Of Items Per Sales Unit | 1               |
| No Of Items Per Standard   | 40              |
| Package                    |                 |
| UPC                        | 043168466844    |

## Graphs\_Spectral Power Distribution

