



GE  
Lighting

## 27186 - F96T12/CW/WM/ECO

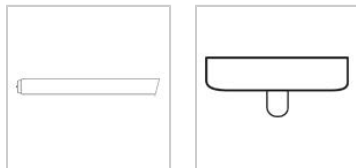
GE Cool White Ecolux® Watt-Miser® T12

- Passes TCLP, which can lower disposal costs.
- Saves energy compared to standard wattage lamps

Energy Savings



Reduced Wattage  
Meets Federal Minimum Efficiency Standards



### CAUTIONS & WARNINGS

#### Caution

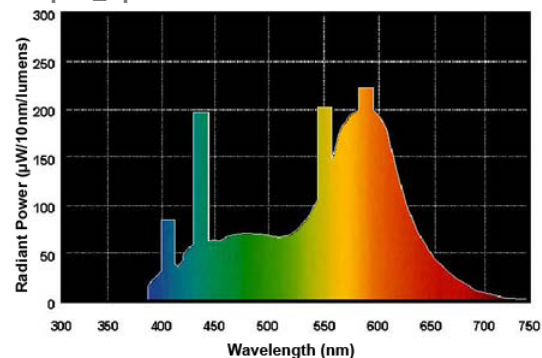
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

#### 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 |
| Bulb                       | Linear                        |
| Base                       | T12                           |
| Rated Life (NOM)           | Single Pin (Fa8)              |
| Bulb Material              | 12000.0 h                     |
| Starting Temperature (MIN) | Soda lime                     |
| Mercury Content (NOM)      | 15.0 °C                       |
| Picograms of Mercury (NOM) | 15.0 mg                       |
| Additional Info            | 247.0 pg                      |
| Primary Application        | TCLP compliant                |
|                            | Energy Saving                 |

### PHOTOMETRIC CHARACTERISTICS

|                                       |          |
|---------------------------------------|----------|
| Initial Lumens (NOM)                  | 5500.0   |
| Mean Lumens (NOM)                     | 5060.0   |
| Nominal Initial Lumens per Watt (NOM) | 91.66667 |
| Color Temperature (NOM)               | 4100.0 K |
| Color Rendering Index (CRI) (NOM)     | 60.0     |

### ELECTRICAL CHARACTERISTICS

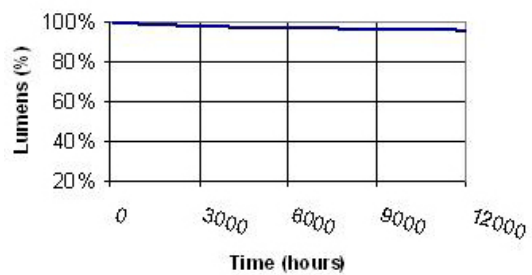
|                                                      |               |
|------------------------------------------------------|---------------|
| Wattage (NOM)                                        | 60.0          |
| Open Circuit Voltage (rapid start) Min @ Temperature | 565 V @ 10 °C |
| Cathode 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)                   | 96.000 in(2438.4 mm) |
| Minimum Overall Length (NOM)                         | 93.740 in(2381.0 mm) |
| Nominal Length (NOM)                                 | 96.000 in(2438.4 mm) |
| Bulb Diameter (DIA) (MIN)                            | 1.410 in(35.8 mm)    |
| Bulb Diameter (DIA) (MAX)                            | 1.590 in(40.4 mm)    |
| Bulb Diameter (DIA) (NOM)                            | 1.500 in(38.1 mm)    |
| Max Base Face to Base Face (A) (NOM)                 | 93.300 in(2369.8 mm) |
| Face to End of Opposing Pin (B) (MIN)                | 93.420 in(2372.9 mm) |
| Face to End of Opposing Pin (B) (MAX)                | 93.650 in(2378.7 mm) |
| End of Base Pin to End of Opposite Pin End (C) (NOM) | 93.740 in(2381.0 mm) |

### PRODUCT INFORMATION

|                                  |                  |
|----------------------------------|------------------|
| Product Code                     | 27186            |
| Description                      | F96T12/CW/WM/ECO |
| ANSI Code                        | 3006-1           |
| Standard Package                 | Case             |
| Standard Package GTIN            | 10043168271865   |
| Standard Package Quantity        | 15               |
| Sales Unit                       | Unit             |
| No Of Items Per Sales Unit       | 1                |
| No Of Items Per Standard Package | 15               |
| UPC                              | 043168271868     |



Graphs\_Lamp Mortality

