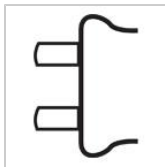
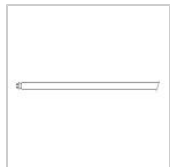




GE  
Lighting

## 10086 - F13T5/CW

GE Cool White T5



### CAUTIONS & WARNINGS

#### Caution

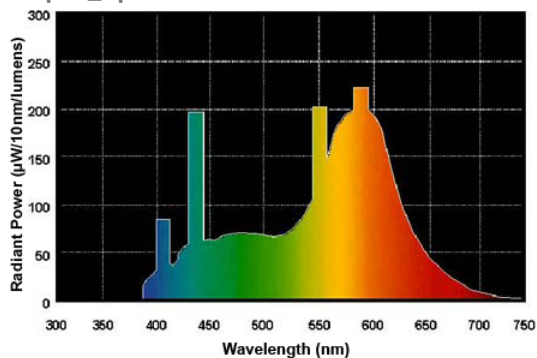
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

#### Warning

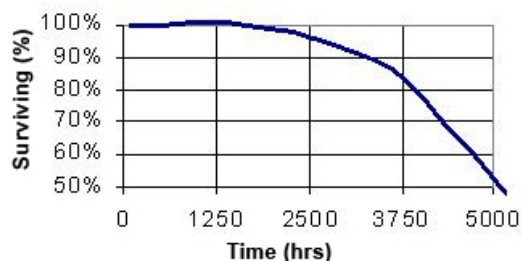
- Risk of Electric Shock
  - Turn power off before inspection, installation or removal.

### GRAPHS & CHARTS

#### Graphs\_Spectral Power Distribution



#### Graphs\_Lamp Mortality



### GENERAL CHARACTERISTICS

|                            |                               |
|----------------------------|-------------------------------|
| Lamp Type                  | Linear Fluorescent - Straight |
| Bulb                       | Linear                        |
| Base                       | T5                            |
| Rated Life (NOM)           | Miniature Bi-Pin (G5)         |
| Bulb Material              | 5000.0 h                      |
| Starting Temperature (MIN) | Soda lime                     |
| Mercury Content (NOM)      | 10.0 °C                       |
| Picograms of Mercury (NOM) | 6.0 mg                        |
| Primary Application        | 1702.1 pg                     |
|                            | Full Wattage                  |

### PHOTOMETRIC CHARACTERISTICS

|                                       |          |
|---------------------------------------|----------|
| Initial Lumens (NOM)                  | 850.0    |
| Mean Lumens (NOM)                     | 705.0    |
| Nominal Initial Lumens per Watt (NOM) | 65.38462 |
| Color Temperature (NOM)               | 4100.0 K |
| Color Rendering Index (CRI) (NOM)     | 60.0     |

### ELECTRICAL CHARACTERISTICS

|                                                      |               |
|------------------------------------------------------|---------------|
| Wattage (NOM)                                        | 13.0          |
| Open Circuit Voltage (rapid start) (MAX)             | 400.0 V       |
| Open Circuit Voltage (rapid start) Min @ Temperature | 180 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)    | 21.000 in(533.4 mm) |
| Nominal Length (NOM)                  | 21.000 in(533.4 mm) |
| Bulb Diameter (DIA) (MIN)             | 0.530 in(13.5 mm)   |
| Bulb Diameter (DIA) (MAX)             | 0.630 in(16.0 mm)   |
| Bulb Diameter (DIA) (NOM)             | 0.625 in(15.9 mm)   |
| Max Base Face to Base Face (A) (NOM)  | 20.350 in(516.9 mm) |
| Face to End of Opposing Pin (B) (MIN) | 20.530 in(521.5 mm) |
| Face to End of Opposing Pin (B) (MAX) | 20.630 in(524.0 mm) |

### PRODUCT INFORMATION

|                                  |                |
|----------------------------------|----------------|
| Product Code                     | 10086          |
| Description                      | F13T5/CW       |
| ANSI Code                        | 2005-1         |
| Standard Package                 | Case           |
| Standard Package GTIN            | 10043168100868 |
| Standard Package Quantity        | 24             |
| Sales Unit                       | Unit           |
| No Of Items Per Sales Unit       | 1              |
| No Of Items Per Standard Package | 24             |
| UPC                              | 043168100861   |