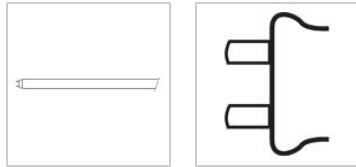




GE  
Lighting

**10059 - F8T5/CW**

GE Cool White Starcoat® T5



**CAUTIONS & WARNINGS**

**Caution**

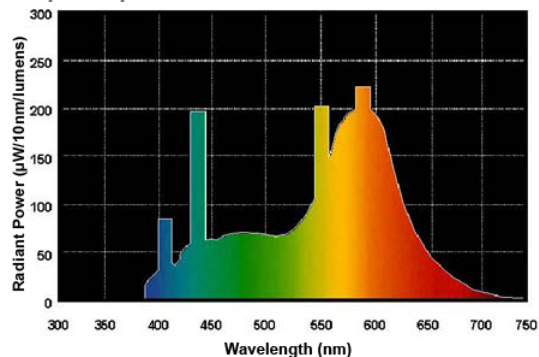
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

**Warning**

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

**GRAPHS & CHARTS**

**Graphs\_Spectral Power Distribution**



**GENERAL CHARACTERISTICS**

|                            |                                       |
|----------------------------|---------------------------------------|
| Lamp Type                  | Linear Fluorescent - Straight Linear  |
| Bulb                       | T5                                    |
| Base                       | Miniature Bi-Pin (G5)                 |
| Rated Life                 | 5000.0 hrs                            |
| Bulb Material              | Soda lime                             |
| Starting Temperature (MIN) | 10.0 °C                               |
| LEED-EB MR Credit          | 3750 picograms Hg per mean lumen hour |
| Primary Application        | Full Wattage                          |

**PHOTOMETRIC CHARACTERISTICS**

|                                 |          |
|---------------------------------|----------|
| Initial Lumens                  | 400.0    |
| Mean Lumens                     | 320.0    |
| Nominal Initial Lumens per Watt | 50       |
| Color Temperature               | 4100.0 K |
| Color Rendering Index (CRI)     | 60.0     |

**ELECTRICAL CHARACTERISTICS**

|   |               |
|---|---------------|
| Wattage   | 8.0           |
| Voltage   | 57.0          |
| Open Circuit Voltage (rapid start) (MAX)                  | 190.0 V       |
| Open Circuit Voltage (after preheating) Max @ Temperature | 210 V @ 10 °C |
| Open Circuit Voltage (rapid start) Min @ Temperature      | 140 V @ 10 °C |
| Cathode Resistance Ratio - Rh/Rc (MIN)                    | 4.25          |
| Cathode Resistance Ratio - Rh/Rc (MAX)                    | 6.5           |
| Open Circuit Voltage (after preheating) Min @ Temperature | 108 V @ 10 °C |
| Current Crest Factor (MAX)                                | 1.7           |

**DIMENSIONS**

|                                       |                      |
|---------------------------------------|----------------------|
| Maximum Overall Length (MOL)          | 12.0000 in(304.8 mm) |
| Nominal Length                        | 12.000 in(304.8 mm)  |
| Bulb Diameter (DIA) (MIN)             | 0.530 in(13.5 mm)    |
| Bulb Diameter (DIA) (MAX)             | 0.630 in(16.0 mm)    |
| Bulb Diameter (DIA)                   | 0.625 in(15.9 mm)    |
| Max Base Face to Base Face (A)        | 11.350 in(288.3 mm)  |
| Face to End of Opposing Pin (B) (MIN) | 11.530 in(292.9 mm)  |
| Face to End of Opposing Pin (B) (MAX) | 11.630 in(295.4 mm)  |

**PRODUCT INFORMATION**

|                                  |                |
|----------------------------------|----------------|
| Product Code                     | 10059          |
| Description                      | F8T5/CW        |
| ANSI Code                        | 2003-1         |
| Standard Package                 | Case           |
| Standard Package GTIN            | 10043168100592 |
| Standard Package Quantity        | 24             |
| Sales Unit                       | Unit           |
| No Of Items Per Sales Unit       | 1              |
| No Of Items Per Standard Package | 24             |
| UPC                              | 043168100595   |

Graphs\_Lamp Mortality

