



GE  
Lighting

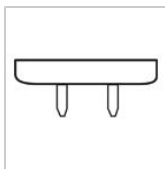
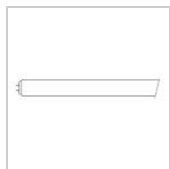
## 80099 - F40SP30/ECO

GE Ecolux® T12

- Passes TCLP, which can lower disposal costs.



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\_Spectral Power Distribution

Photo  
Not Available

### GENERAL CHARACTERISTICS

|                            |                               |
|----------------------------|-------------------------------|
| Lamp Type                  | Linear Fluorescent - Straight |
| Bulb                       | Linear                        |
| Base                       | T12                           |
| Rated Life (NOM)           | 20000.0 h                     |
| Bulb Material              | Soda lime                     |
| Starting Temperature (MIN) | 10.0 °C                       |
| Mercury Content (NOM)      | 4.95 mg                       |
| Picograms of Mercury (NOM) | 83.9 pg                       |
| Additional Info            | TCLP compliant                |
| Primary Application        | Full Wattage                  |

### PHOTOMETRIC CHARACTERISTICS

|                                       |          |
|---------------------------------------|----------|
| Initial Lumens (NOM)                  | 3250.0   |
| Mean Lumens (NOM)                     | 2950.0   |
| Nominal Initial Lumens per Watt (NOM) | 81.25    |
| Color Temperature (NOM)               | 3000.0 K |
| Color Rendering Index (CRI) (NOM)     | 70.0     |

### ELECTRICAL CHARACTERISTICS

|                                                      |               |
|------------------------------------------------------|---------------|
| Wattage (NOM)                                        | 40.0          |
| Open Circuit Voltage (rapid start) (MAX)             | 330.0 V       |
| Open Circuit Voltage (rapid start) Min @ Temperature | 256 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)                   | 48.000 in(1219.2 mm) |
| Minimum Overall Length (NOM)                         | 47.670 in(1210.8 mm) |
| Nominal Length (NOM)                                 | 48.000 in(1219.2 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)                 | 47.220 in(1199.4 mm) |
| Face to End of Opposing Pin (B) (MIN)                | 47.400 in(1204.0 mm) |
| Face to End of Opposing Pin (B) (MAX)                | 47.500 in(1206.5 mm) |
| End of Base Pin to End of Opposite Pin End (C) (NOM) | 47.670 in(1210.8 mm) |

### PRODUCT INFORMATION

|                                  |                |
|----------------------------------|----------------|
| Product Code                     | 80099          |
| Description                      | F40SP30/ECO    |
| ANSI Code                        | 1010-1         |
| Standard Package                 | Case           |
| Standard Package GTIN            | 10043168800997 |
| Standard Package Quantity        | 30             |
| Sales Unit                       | Unit           |
| No Of Items Per Sales Unit       | 1              |
| No Of Items Per Standard Package | 30             |
| UPC                              | 043168800990   |