

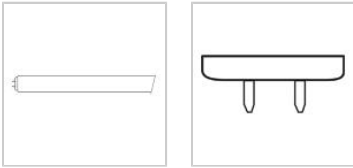


GE  
Lighting

## 80045 - F20T12/CW/ECO

GE Cool White Ecolux® T12

- Passes TCLP, which can lower disposal costs.



### CAUTIONS & WARNINGS

#### Caution

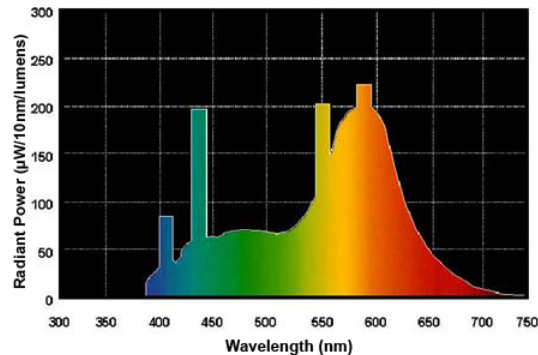
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

#### 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	T12
Base	Medium Bi-Pin (G13)
Rated Life	9000.0 hrs
Bulb Material	Soda lime
Starting Temperature (MIN)	10.0 °C
LEED-EB MR Credit	478 picograms Hg per mean lumen hour
Additional Info	TCLP compliant
Primary Application	Full Wattage

### PHOTOMETRIC CHARACTERISTICS

Initial Lumens	1200.0
Mean Lumens	1150.0
Nominal Initial Lumens per Watt	60
Color Temperature	4100.0 K
Color Rendering Index (CRI)	60.0

### ELECTRICAL CHARACTERISTICS

Wattage	20.0
Voltage	57.0
Open Circuit Voltage (rapid start) (MAX)	220.0 V
Open Circuit Voltage (rapid start) Min @ Temperature	157 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	210 V @ 10 °C
Current Crest Factor (MAX)	1.7

### DIMENSIONS

Maximum Overall Length (MOL)	24.0000 in(609.6 mm)
Minimum Overall Length	23.6700 in(601.2 mm)
Nominal Length	24.000 in(609.6 mm)
Bulb Diameter (DIA) (MIN)	1.410 in(35.8 mm)
Bulb Diameter (DIA) (MAX)	1.590 in(40.4 mm)
Bulb Diameter (DIA)	1.500 in(38.1 mm)
Max Base Face to Base Face (A)	23.220 in(589.8 mm)
Face to End of Opposing Pin (B) (MIN)	23.400 in(594.4 mm)
Face to End of Opposing Pin (B) (MAX)	23.500 in(596.9 mm)
End of Base Pin to End of Opposite Pin End (C)	23.670 in(601.2 mm)

### PRODUCT INFORMATION

Product Code	80045
Description	F20T12/CW/ECO
ANSI Code	2015-1
Standard Package	Case
Standard Package GTIN	10043168800454
Standard Package Quantity	24
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	24
UPC	043168800457