



GE
Lighting

80047 - F20T12/D/ECO

GE Daylight 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)	Medium Bi-Pin (G13)
Bulb Material	9000.0 h
Starting Temperature (MIN)	Soda lime
Mercury Content (NOM)	10.0 °C
Picograms of Mercury (NOM)	4.95 mg
Additional Info	582.0 pg
Primary Application	TCLP compliant
	Full Wattage

PHOTOMETRIC CHARACTERISTICS

Initial Lumens (NOM)	1025.0
Mean Lumens (NOM)	945.0
Nominal Initial Lumens per Watt (NOM)	51.25
Color Temperature (NOM)	6500.0 K
Color Rendering Index (CRI) (NOM)	75.0

ELECTRICAL CHARACTERISTICS

Wattage (NOM)	20.0
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) (NOM)	24.000 in(609.6 mm)
Minimum Overall Length (NOM)	23.670 in(601.2 mm)
Nominal Length (NOM)	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) (NOM)	1.500 in(38.1 mm)
Max Base Face to Base Face (A) (NOM)	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) (NOM)	23.670 in(601.2 mm)

PRODUCT INFORMATION

Product Code	80047
Description	F20T12/D/ECO
ANSI Code	2015-1
Standard Package	Case
Standard Package GTIN	10043168800478
Standard Package Quantity	24
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	24
UPC	043168800471