

**Presented By:** Candela Corporation  
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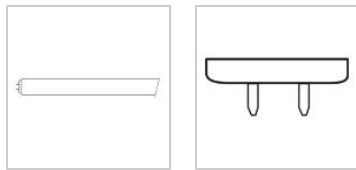
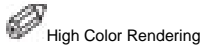
**Customer Name:**  
**Project Name:**  
**Fixture Type:**



**80096 - F40C50/ECO**

GE Ecolux® T12

- Passes TCLP, which can lower disposal costs.



**CAUTIONS & WARNINGS**

**Caution**

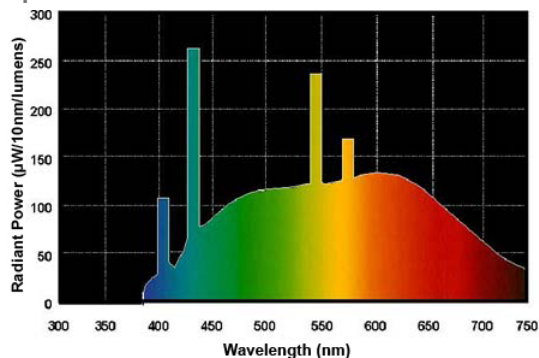
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

**Warning**

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

**GRAPHS & CHARTS**

**Spectral Power Distribution**



**GENERAL CHARACTERISTICS**

Lamp Type	Linear Fluorescent - Straight
	Linear
	T12
Bulb	
Base	Medium Bi-Pin (G13)
Wattage	40
Voltage	101
Rated Life	20000 hrs
Bulb Material	Soda lime
Starting Temperature	10 °C (50 °F)
LEED-EB MR Credit	132 picograms Hg per mean lumen hour
Additional Info	TCLP compliant

**PHOTOMETRIC CHARACTERISTICS**

Initial Lumens	2250
Mean Lumens	1870
Nominal Initial Lumens per Watt	56
Color Temperature	5000 K
Color Rendering Index (CRI)	90

**ELECTRICAL CHARACTERISTICS**

Open Circuit Voltage (rapid start)	330 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	1.7

**DIMENSIONS**

Maximum Overall Length (MOL)	47.7800 in(1213.6 mm)
Minimum Overall Length	47.6700 in(1210.8 mm)
Nominal Length	48.000 in(1219.2 mm)
Bulb Diameter (DIA)	1.500 in(38.1 mm)
Bulb Diameter (DIA) (MIN)	1.410 in(35.8 mm)
Bulb Diameter (DIA) (MAX)	1.500 in(38.1 mm)
Max Base Face to Base Face (A)	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)	47.670 in(1210.8 mm)

**PRODUCT INFORMATION**

Product Code	80096
Description	F40C50/ECO
ANSI Code	1010-1
Standard Package	Case
Standard Package GTIN	10043168800966
Standard Package Quantity	30
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	30
UPC	043168800969