

**Presented By:** Candela Corporation  
 Contact Phone: (800) 922-9226  
 Contact E-mail: sales@candelacor.com

Customer Name:  
 Project Name:  
 Fixture Type:



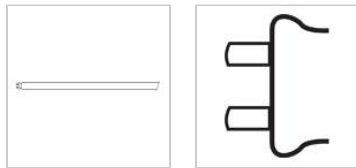
GE  
 Lighting

**46803 - F80W/T5/835/ECO**

GE Ecolux® Starcoat® T5

- Passes TCLP, which can lower disposal costs.

a product of  
**ecomagination**



**CAUTIONS & WARNINGS**

**Caution**

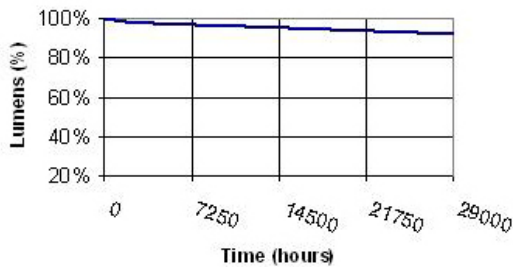
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

**Warning**

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

**GRAPHS & CHARTS**

**Lumen Maintenance**



**Lamp Mortality**

**GENERAL CHARACTERISTICS**

Lamp Type	Linear Fluorescent - Straight Linear
Bulb	T5
Base	Miniature Bi-Pin (G5)
Wattage	80
Voltage	145
Rated Life	30000 hrs
Rated Life (rapid start) @ Time	36000.0 @ 12.0/30000.0 @ 3.0 h
Bulb Material	Soda lime
Starting Temperature	-20 °C (-4 °F)
LEED-EB MR Credit	23 picograms Hg per mean lumen hour
Additional Info	TCLP compliant

**PHOTOMETRIC CHARACTERISTICS**

Initial Lumens	7000
Mean Lumens	6440
Nominal Initial Lumens per Watt	87
Color Temperature	3500 K
Color Rendering Index (CRI)	85
S/P Ratio (Scotopic/Photopic Ratio)	1.5

**ELECTRICAL CHARACTERISTICS**

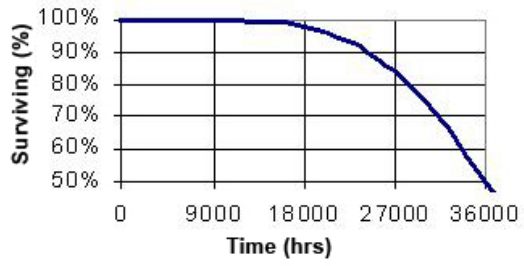
Open Circuit Voltage (rapid start) Min @ Temperature	580 V @ 10 °C
Cathode Resistance Ratio - Rh/Rc (MIN)	4.25
Cathode Resistance Ratio - Rh/Rc (MAX)	6.5
Current Crest Factor	1.7

**DIMENSIONS**

Maximum Overall Length (MOL)	57.6060 in(1463.2 mm)
Nominal Length	57.100 in(1450.3 mm)
Bulb Diameter (DIA)	0.625 in(15.9 mm)
Bulb Diameter (DIA) (MAX)	0.625 in(15.9 mm)
Max Base Face to Base Face (A)	57.050 in(1449.1 mm)
Face to End of Opposing Pin (B) (MIN)	57.230 in(1453.6 mm)
Face to End of Opposing Pin (B) (MAX)	57.330 in(1456.2 mm)

**PRODUCT INFORMATION**

Product Code	46803
Description	F80W/T5/835/ECO
Standard Package	Case
Standard Package GTIN	10043168468036
Standard Package Quantity	40
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	40
UPC	043168468039



### Spectral Power Distribution

