



Commercial Products & Solutions

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[Products](#) > 46805**46805 – F80W/T5/850/ECO**

GE Ecolux® Starcoat® T5



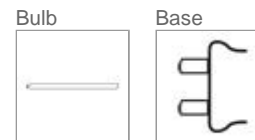
- Passes TCLP, which can lower disposal costs.

 a product of
ecomagination

High Color Rendering

**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 h @ 12 h 30000 h @ 3 h
Bulb Material	Soda lime
Starting Temperature (MIN)	-20 °C (-4 °F)
LEED-EB MR Credit	24 picograms Hg per mean lumen hour
Additional Info	TCLP compliant

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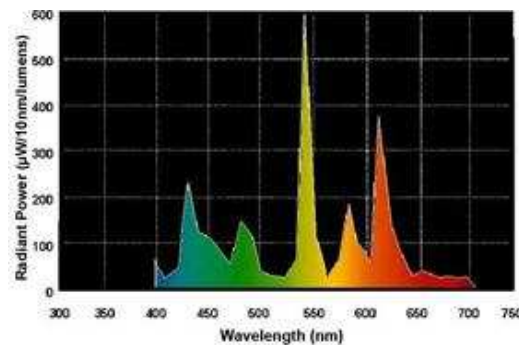
Initial Lumens	6700
Mean Lumens	6160
Nominal Initial Lumens per Watt	83
Color Temperature	5000 K
Color Rendering Index (CRI)	85
S/P Ratio (Scotopic/Photopic Ratio)	1.9

ELECTRICAL CHARACTERISTICS

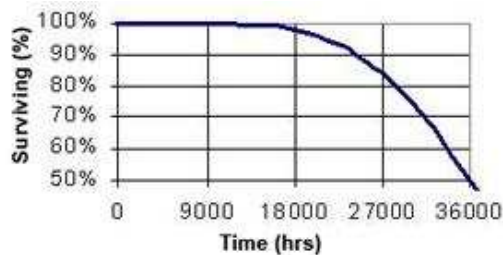
Open Circuit Voltage (rapid start) Min @ Temperature	580 V @ 10 °C
Cathode Resistance Ratio - Rh/Rc (MIN)	4.25
Cathode Resistance Ratio - Rh/Rc (MAX)	6.5
Current Crest Factor (MAX)	1.7

DIMENSIONS

Maximum Overall Length (MOL)	57.6060 in (1463.1 mm)
Nominal Length	57.100 in (1450.3 mm)

GRAPHS & CHARTS**Spectral Power Distribution****Lamp Mortality**

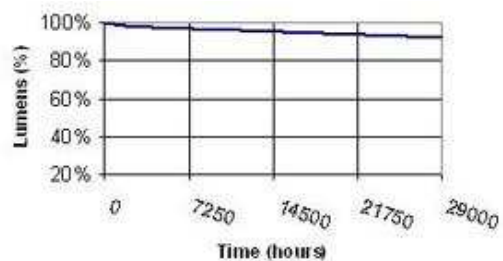
Bulb Diameter (DIA)	0.625 in (15.8 mm)
Bulb Diameter (DIA) (MAX)	0.670 in (17.0 mm)
Max Base Face to Base Face (A)	57.050 in (1449.0 mm)
Face to End of Opposing Pin (B) (MIN)	57.230 in (1453.6 mm)
Face to End of Opposing Pin (B) (MAX)	57.330 in (1456.1 mm)



PRODUCT INFORMATION

Product Code	46805
Description	F80W/T5/850/ECO
Standard Package	Case
Standard Package GTIN	10043168468050
Standard Package Quantity	40
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	40
UPC	043168468053

Lumen Maintenance



COMPATIBLE GE BALLASTS

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
72280	GE180MVPS-D	1	0.99	1.0

⚠ CAUTIONS & WARNINGS

[See list of cautions & warnings.](#)

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