



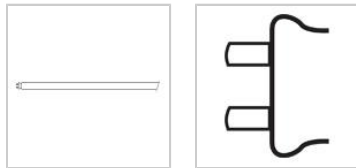
GE
Lighting

46705 - F28W/T5/835/ECO

GE Ecolux® Starcoat® T5

- Passes TCLP, which can lower disposal costs.

a product of
ecomagination



CAUTIONS & WARNINGS

Caution

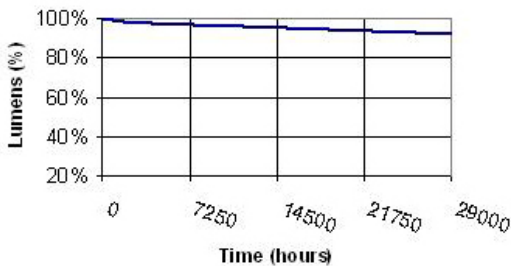
- Lamp may shatter and cause injury if broken
 - Wear safety glasses and gloves when handling lamp.
 - Do not use excessive force when installing lamp.

Warning

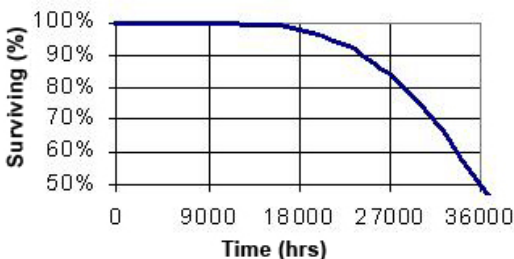
- Risk of Electric Shock
 - Turn power off before inspection, installation or removal.

GRAPHS & CHARTS

Graphs_Lumen Maintenance



Graphs_Lamp Mortality



GENERAL CHARACTERISTICS

Lamp Type	Linear Fluorescent - Straight Linear
Bulb	T5
Base	Miniature Bi-Pin (G5)
Rated Life	30000.0 hrs
Rated Life (rapid start) @ Time	30000.0 @ 3.0/36000.0 @ 12.0 h
Bulb Material	Soda lime
Starting Temperature (MIN)	-20.0 °C
LEED-EB MR Credit	31 picograms Hg per mean lumen hour
Additional Info	TCLP compliant
Primary Application	Full Wattage

PHOTOMETRIC CHARACTERISTICS

Initial Lumens	2900.0
Mean Lumens	2660.0
Nominal Initial Lumens per Watt	103
Color Temperature	3500.0 K
Color Rendering Index (CRI)	85.0
S/P Ratio (Scotopic/Photopic Ratio)	1.5

ELECTRICAL CHARACTERISTICS

Wattage	28.0
Voltage	167.0
Open Circuit Voltage (rapid start) Min @ Temperature	425 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)	45.2000 in(1148.1 mm)
Nominal Length	45.200 in(1148.1 mm)
Bulb Diameter (DIA) (MAX)	0.670 in(17.0 mm)
Bulb Diameter (DIA)	0.625 in(15.9 mm)
Max Base Face to Base Face (A)	45.240 in(1149.1 mm)
Face to End of Opposing Pin (B) (MIN)	45.420 in(1153.7 mm)
Face to End of Opposing Pin (B) (MAX)	45.520 in(1156.2 mm)

PRODUCT INFORMATION

Product Code	46705
Description	F28W/T5/835/ECO
Standard Package	Case
Standard Package GTIN	10043168467053
Standard Package Quantity	40
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	40
UPC	043168467056

Graphs_Spectral Power Distribution

