



GE
Lighting

46744 - F39W/T5/830/ECO

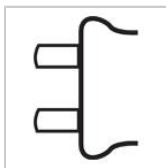
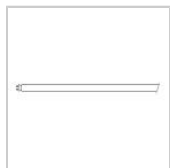
GE Ecolux® Starcoat® T5

- Passes TCLP, which can lower disposal costs.

a product of
ecomagination



High Color Rendering



CAUTIONS & WARNINGS

Caution

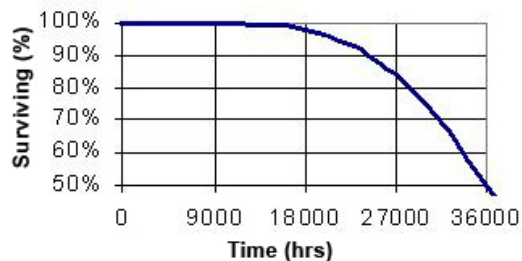
- Lamp may shatter and cause injury if broken
 - Wear safety glasses and gloves when handling lamp.
 - Do not use excessive force when installing lamp.

Warning

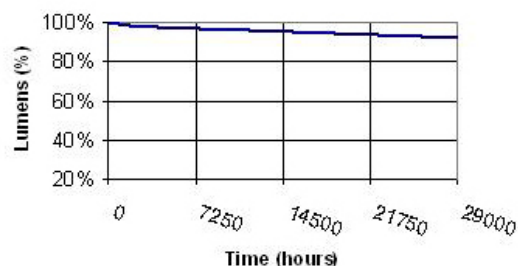
- Risk of Electric Shock
 - Turn power off before inspection, installation or removal.

GRAPHS & CHARTS

Graphs_Lamp Mortality



Graphs_Lumen Maintenance



GENERAL CHARACTERISTICS

Lamp Type	Linear Fluorescent - Straight
Bulb	Linear
Base	T5
Rated Life (NOM)	Miniature Bi-Pin (G5)
Rated Life (rapid start) @ Time	30000.0 h
	30000.0 @ 3.0/36000.0 @ 12.0 h
Bulb Material	Soda lime
Starting Temperature (MIN)	-20.0 °C
Mercury Content (NOM)	2.5 mg
Picograms of Mercury (NOM)	25.9 pg
Additional Info	TCLP compliant
Primary Application	Full Wattage

PHOTOMETRIC CHARACTERISTICS

Initial Lumens (NOM)	3500.0
Mean Lumens (NOM)	3220.0
Nominal Initial Lumens per Watt (NOM)	89.74359
Color Temperature (NOM)	3000.0 K
Color Rendering Index (CRI) (NOM)	85.0
S/P Ratio (Scotopic/Photopic Ratio) (NOM)	1.3

ELECTRICAL CHARACTERISTICS

Wattage (NOM)	39.0
Open Circuit Voltage (rapid start) Min @ Temperature	350 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) (NOM)	33.400 in(848.4 mm)
Nominal Length (NOM)	33.400 in(848.4 mm)
Bulb Diameter (DIA) (MAX)	0.670 in(17.0 mm)
Bulb Diameter (DIA) (NOM)	0.625 in(15.9 mm)
Max Base Face to Base Face (A) (NOM)	33.430 in(849.1 mm)
Face to End of Opposing Pin (B) (MIN)	33.610 in(853.7 mm)
Face to End of Opposing Pin (B) (MAX)	33.700 in(856.0 mm)

PRODUCT INFORMATION

Product Code	46744
Description	F39W/T5/830/ECO
Standard Package	Case
Standard Package GTIN	10043168467442
Standard Package Quantity	40
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard	40
Package	
UPC	043168467445

Graphs_Spectral Power Distribution

