



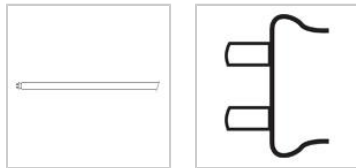
GE  
Lighting

### 46744 - F39W/T5/830/ECO

GE Ecolux® Starcoat® T5

- Passes TCLP, which can lower disposal costs.

a product of  
**ecomagination**



#### CAUTIONS & WARNINGS

##### Caution

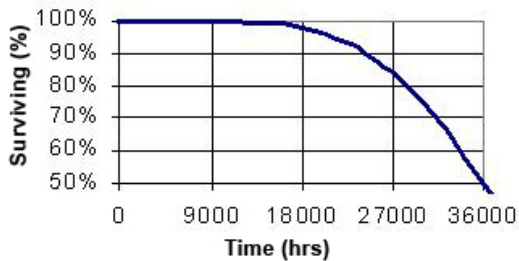
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

##### Warning

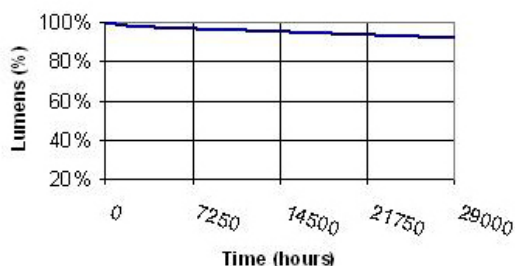
- Risk of Electric Shock
  - Turn power off before inspection, installation or removal.

#### GRAPHS & CHARTS

##### Graphs\_Lamp Mortality



##### Graphs\_Lumen Maintenance



#### 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	26 picograms Hg per mean lumen hour
Additional Info	TCLP compliant
Primary Application	Full Wattage

#### PHOTOMETRIC CHARACTERISTICS

Initial Lumens	3500.0
Mean Lumens	3220.0
Nominal Initial Lumens per Watt	89
Color Temperature	3000.0 K
Color Rendering Index (CRI)	85.0
S/P Ratio (Scotopic/Photopic Ratio)	1.3

#### ELECTRICAL CHARACTERISTICS

Wattage	39.0
Voltage	112.0
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)	33.4000 in(848.4 mm)
Nominal Length	33.400 in(848.4 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)	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 Package	40
UPC	043168467445

# Graphs\_Spectral Power Distribution

