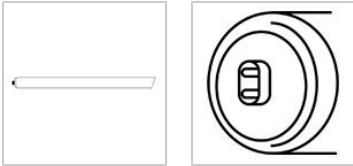




GE  
Lighting

**12538 - F96T8/SP41/HO**

GE Starcoat® T8



**CAUTIONS & WARNINGS**

**Caution**

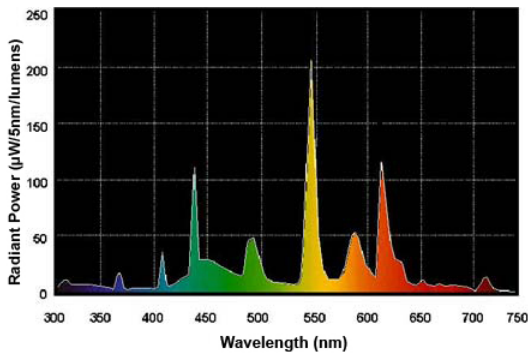
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

**Warning**

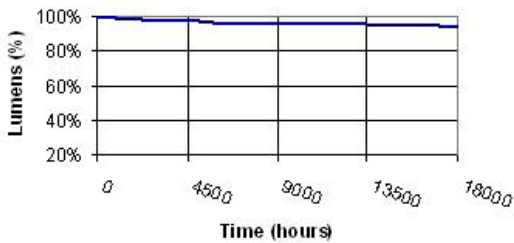
- Risk of Electric Shock
  - Turn power off before inspection, installation or removal.

**GRAPHS & CHARTS**

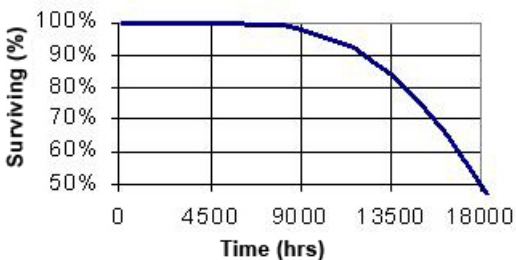
**Graphs\_Spectral Power Distribution**



**Graphs\_Lumen Maintenance**



**Graphs\_Lamp Mortality**



**GENERAL CHARACTERISTICS**

Lamp Type	Linear Fluorescent - Straight
	Linear
Bulb	T8
Base	Recessed Double Contact (R17d)
Rated Life	18000.0 hrs
Bulb Material	Soda lime
Starting Temperature (MIN)	-29.0 °C
LEED-EB MR Credit	658 picograms Hg per mean lumen hour
Primary Application	Full Wattage

**PHOTOMETRIC CHARACTERISTICS**

Initial Lumens	8000.0
Mean Lumens	7600.0
Nominal Initial Lumens per Watt	93
Color Temperature	4100.0 K
Color Rendering Index (CRI)	78.0

**ELECTRICAL CHARACTERISTICS**

Wattage	86.0
Voltage	216.0
Open Circuit Voltage (rapid start) Min @ Temperature	550 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)	96.0000 in(2438.4 mm)
Minimum Overall Length	93.7200 in(2380.5 mm)
Nominal Length	96.000 in(2438.4 mm)
Bulb Diameter (DIA) (MIN)	0.940 in(23.9 mm)
Bulb Diameter (DIA) (MAX)	1.100 in(27.9 mm)
Bulb Diameter (DIA)	1.000 in(25.4 mm)
End of Base Pin to End of Opposite Pin End (C)	93.720 in(2380.5 mm)

**PRODUCT INFORMATION**

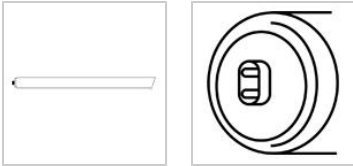
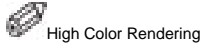
Product Code	12538
Description	F96T8/SP41/HO
ANSI Code	1501-1
Standard Package	Case
Standard Package GTIN	10043168125380
Standard Package Quantity	24
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	24
UPC	043168125383



GE  
Lighting

**12538 - F96T8/SP41/HO**

GE Starcoat® T8



**CAUTIONS & WARNINGS**

**Caution**

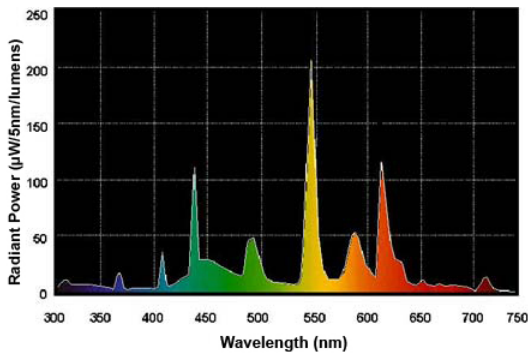
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

**Warning**

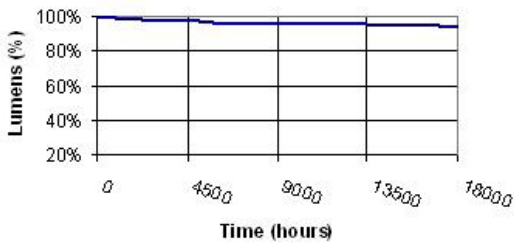
- Risk of Electric Shock
  - Turn power off before inspection, installation or removal.

**GRAPHS & CHARTS**

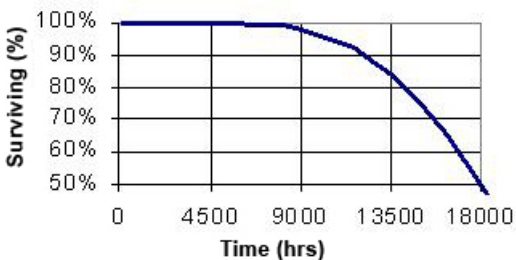
**Graphs\_Spectral Power Distribution**



**Graphs\_Lumen Maintenance**



**Graphs\_Lamp Mortality**



**GENERAL CHARACTERISTICS**

Lamp Type	Linear Fluorescent - Straight
	Linear
Bulb	T8
Base	Recessed Double Contact (R17d)
Rated Life	18000.0 hrs
Bulb Material	Soda lime
Starting Temperature (MIN)	-29.0 °C
LEED-EB MR Credit	658 picograms Hg per mean lumen hour
Primary Application	Full Wattage

**PHOTOMETRIC CHARACTERISTICS**

Initial Lumens	8000.0
Mean Lumens	7600.0
Nominal Initial Lumens per Watt	93
Color Temperature	4100.0 K
Color Rendering Index (CRI)	78.0

**ELECTRICAL CHARACTERISTICS**

Wattage	86.0
Voltage	216.0
Open Circuit Voltage (rapid start) Min @ Temperature	550 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)	96.0000 in(2438.4 mm)
Minimum Overall Length	93.7200 in(2380.5 mm)
Nominal Length	96.000 in(2438.4 mm)
Bulb Diameter (DIA) (MIN)	0.940 in(23.9 mm)
Bulb Diameter (DIA) (MAX)	1.100 in(27.9 mm)
Bulb Diameter (DIA)	1.000 in(25.4 mm)
End of Base Pin to End of Opposite Pin End (C)	93.720 in(2380.5 mm)

**PRODUCT INFORMATION**

Product Code	12538
Description	F96T8/SP41/HO
ANSI Code	1501-1
Standard Package	Case
Standard Package GTIN	10043168125380
Standard Package Quantity	24
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	24
UPC	043168125383