



GE
Lighting

12538 - F96T8/SP41/HO

GE Starcoat® T8



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_Spectral Power Distribution

Photo
Not Available

Graphs_Lumen Maintenance

GENERAL CHARACTERISTICS

Lamp Type	Linear Fluorescent - Straight
Bulb	Linear
Base	T8
	Recessed Double Contact (R17d)
Rated Life (NOM)	18000.0 h
Bulb Material	Soda lime
Starting Temperature (MIN)	-29.0 °C
Mercury Content (NOM)	90.0 mg
Picograms of Mercury (NOM)	657.9 pg
Primary Application	Full Wattage

PHOTOMETRIC CHARACTERISTICS

Initial Lumens (NOM)	8000.0
Mean Lumens (NOM)	7600.0
Nominal Initial Lumens per Watt (NOM)	93.02326
Color Temperature (NOM)	4100.0 K
Color Rendering Index (CRI) (NOM)	78.0

ELECTRICAL CHARACTERISTICS

Wattage (NOM)	86.0
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) (NOM)	96.000 in(2438.4 mm)
Minimum Overall Length (NOM)	93.720 in(2380.5 mm)
Nominal Length (NOM)	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) (NOM)	1.000 in(25.4 mm)
End of Base Pin to End of Opposite Pin End (C) (NOM)	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

Photo
Not Available

Graphs_Lamp Mortality

Photo
Not Available