



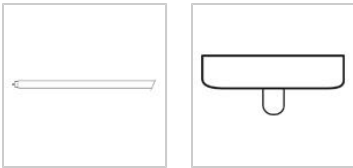
GE
Lighting

12221 - F42T6/SP35

GE T6



High Color Rendering



CAUTIONS & WARNINGS

Caution

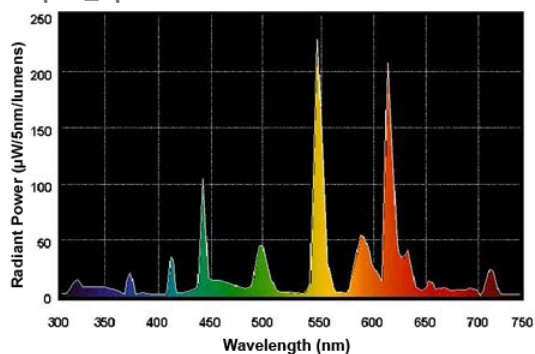
- Lamp may shatter and cause injury if broken
 - Wear safety glasses and gloves when handling lamp.
 - Do not use excessive force when installing lamp.

Warning

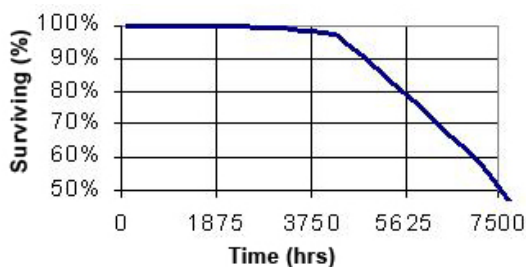
- Risk of Electric Shock
 - Turn power off before inspection, installation or removal.

GRAPHS & CHARTS

Graphs_Spectral Power Distribution



Graphs_Lamp Mortality



GENERAL CHARACTERISTICS

Lamp Type	Linear Fluorescent - Straight
Bulb	Linear
Base	T6
Rated Life (NOM)	Single Pin (Fa8)
Bulb Material	7500.0 h
Starting Temperature (MIN)	Soda lime
Mercury Content (NOM)	10.0 °C
Picograms of Mercury (NOM)	60.0 mg
Primary Application	4705.9 pg
	Speciality

PHOTOMETRIC CHARACTERISTICS

Initial Lumens (NOM)	1830.0
Mean Lumens (NOM)	1700.0
Nominal Initial Lumens per Watt (NOM)	73.2
Color Temperature (NOM)	3500.0 K
Color Rendering Index (CRI) (NOM)	73.0

ELECTRICAL CHARACTERISTICS

Wattage (NOM)	25.0
Open Circuit Voltage (instant start) Min @ Temperature	405 V @ 10 °C
Open Circuit Voltage (rapid start) Min @ Temperature	405 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)	42.000 in(1066.8 mm)
Minimum Overall Length (NOM)	39.740 in(1009.4 mm)
Nominal Length (NOM)	42.000 in(1066.8 mm)
Bulb Diameter (DIA) (MIN)	0.690 in(17.5 mm)
Bulb Diameter (DIA) (MAX)	0.810 in(20.6 mm)
Bulb Diameter (DIA) (NOM)	0.750 in(19.0 mm)
Max Base Face to Base Face (A) (NOM)	39.300 in(998.2 mm)
Face to End of Opposing Pin (B) (MIN)	39.420 in(1001.3 mm)
Face to End of Opposing Pin (B) (MAX)	39.650 in(1007.1 mm)
End of Base Pin to End of Opposite Pin End (C) (NOM)	9.740 in(247.4 mm)

PRODUCT INFORMATION

Product Code	12221
Description	F42T6/SP35
ANSI Code	3008-1
Standard Package	Case
Standard Package GTIN	10043168122211
Standard Package Quantity	24
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	24
UPC	043168122214