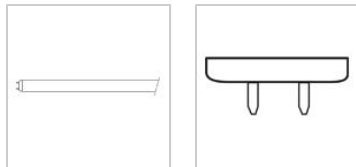




GE
Lighting

10142 - F15T8/CW

GE Cool White Starcoat® T8



CAUTIONS & WARNINGS

Caution

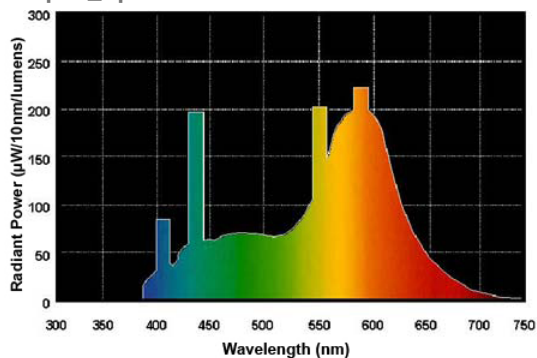
- Lamp may shatter and cause injury if broken
 - Wear safety glasses and gloves when handling lamp.
 - Do not use excessive force when installing lamp.

Warning

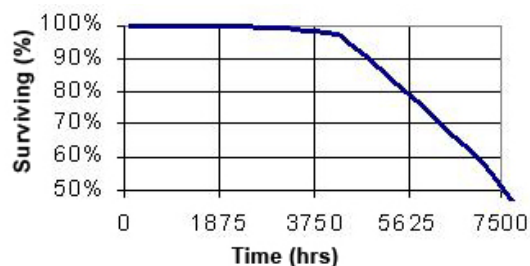
- Risk of Electric Shock
 - Turn power off before inspection, installation or removal.

GRAPHS & CHARTS

Graphs_Spectral Power Distribution



Graphs_Lamp Mortality



GENERAL CHARACTERISTICS

Lamp Type	Linear Fluorescent - Straight
Bulb	Linear
Base	T8
Rated Life (NOM)	7500.0 h
Bulb Material	Soda lime
Starting Temperature (MIN)	10.0 °C
Mercury Content (NOM)	18.0 mg
Picograms of Mercury (NOM)	3310.3 pg
Primary Application	Full Wattage

PHOTOMETRIC CHARACTERISTICS

Initial Lumens (NOM)	825.0
Mean Lumens (NOM)	725.0
Nominal Initial Lumens per Watt (NOM)	55.0
Color Temperature (NOM)	4100.0 K
Color Rendering Index (CRI) (NOM)	60.0

ELECTRICAL CHARACTERISTICS

Wattage (NOM)	15.0
Open Circuit Voltage (rapid start) (MAX)	220.0 V
Open Circuit Voltage (after preheating) Max @ Temperature	210 V @ 10 °C
Open Circuit Voltage (rapid start) Min @ Temperature	157 V @ 10 °C
Cathode Resistance Ratio - Rh/Rc (MIN)	4.25
Cathode Resistance Ratio - Rh/Rc (MAX)	6.5
Open Circuit Voltage (after preheating) Min @ Temperature	108 V @ 10 °C
Current Crest Factor (MAX)	1.7

DIMENSIONS

Maximum Overall Length (MOL) (NOM)	17.780 in(451.6 mm)
Minimum Overall Length (NOM)	17.670 in(448.8 mm)
Nominal Length (NOM)	18.000 in(457.2 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)
Max Base Face to Base Face (A) (NOM)	17.220 in(437.4 mm)
Face to End of Opposing Pin (B) (MIN)	17.400 in(442.0 mm)
Face to End of Opposing Pin (B) (MAX)	17.500 in(444.5 mm)
End of Base Pin to End of Opposite Pin End (C) (NOM)	17.670 in(448.8 mm)

PRODUCT INFORMATION

Product Code	10142
Description	F15T8/CW
ANSI Code	2009-1
Standard Package	Case
Standard Package GTIN	00043168101424
Standard Package Quantity	24
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	24
UPC	043168980562