



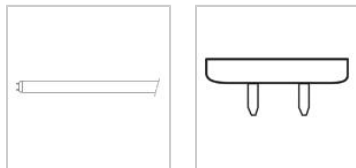
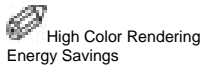
GE
Lighting

80497 - F32T8XLSPX50HCVG

GE Ecolux® covRguard® Starcoat® T8 - Shatter-Resistant

• A shatter resistant lamp encased in a 15 ml Lexan sleeve. Complies with FDA food code 6-202 and 21CFR 110.20. NSF and UL certified. Blocks UV lamp emissions from 380 to 180 nm.

• Passes TCLP, which can lower disposal costs.



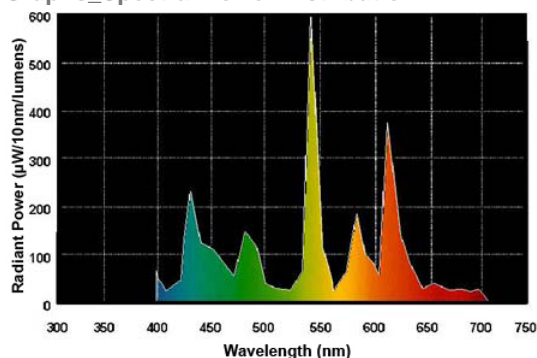
CAUTIONS & WARNINGS

Warning

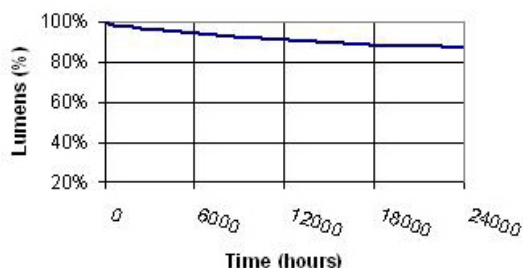
- Risk of Electric Shock
 - Turn power off before inspection, installation or removal.

GRAPHS & CHARTS

Graphs_Spectral Power Distribution



Graphs_Lumen Maintenance



Graphs_Lamp Mortality

For additional information, visit www.gelighting.com

GENERAL CHARACTERISTICS

Lamp Type	Linear Fluorescent - Straight
Bulb	Linear
Base	T8
Rated Life (NOM)	Medium Bi-Pin (G13)
Rated Life (instant start) @ Time	36000.0 h
Rated Life (rapid start) @ Time	25000 h @ 3 h
	36000 h @ 12 h
	36000.0 @ 3.0/42000.0 @ 12.0 h
Bulb Material	Soda lime
Starting Temperature (MIN)	10.0 °C
Mercury Content (NOM)	2.95 mg
Picograms of Mercury (NOM)	40.1 pg
Additional Info	TCLP compliant
Primary Application	Shatter-Resistant;Speciality

PHOTOMETRIC CHARACTERISTICS

Initial Lumens (NOM)	2910.0
Mean Lumens (NOM)	2735.0
Nominal Initial Lumens per Watt (NOM)	90.9375
Color Temperature (NOM)	5000.0 K
Color Rendering Index (CRI) (NOM)	85.0
S/P Ratio (Scotopic/Photopic Ratio) (NOM)	1.3

ELECTRICAL CHARACTERISTICS

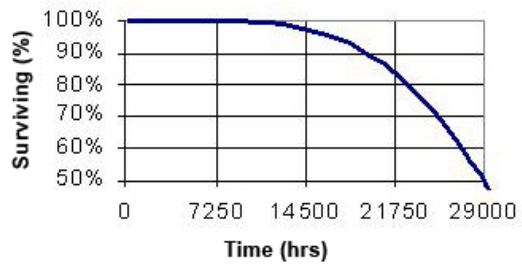
Wattage (NOM)	32.0
Open Circuit Voltage (rapid start) Min @ Temperature	315 V @ 10 °C
Cathode Resistance Ratio - Rh/Rc (MIN)	4.25
Cathode Resistance Ratio - Rh/Rc (MAX)	6.5
Current Crest Factor (MAX)	1.7

DIMENSIONS

Maximum Overall Length (MOL) (NOM)	48.000 in(1219.2 mm)
Minimum Overall Length (NOM)	47.670 in(1210.8 mm)
Nominal Length (NOM)	48.000 in(1219.2 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)	47.220 in(1199.4 mm)
Face to End of Opposing Pin (B) (MIN)	47.400 in(1204.0 mm)
Face to End of Opposing Pin (B) (MAX)	47.500 in(1206.5 mm)
End of Base Pin to End of Opposite Pin End (C) (NOM)	47.670 in(1210.8 mm)

PRODUCT INFORMATION

Product Code	80497
Description	F32T8XLSPX50HCVG
ANSI Code	1005-2
Standard Package	Case
Standard Package GTIN	10043168804971
Standard Package Quantity	36
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	36
UPC	043168804974



NOTES

- Lumen rating based on approximate 3% reduction in light output with covRguard® sleeving.
- Blocks 100% of UV-B and UV-C. Blocks from 75 to 99% of UV-A, depending on lamp type.