



GE
Lighting

27616 - F32T8/XL/SP30ECO

GE Ecolux® Starcoat® T8

- Passes TCLP, which can lower disposal costs.
- Provides significantly longer life than standard lamp helping to reduce maintenance costs



High Color Rendering
Meets Federal Minimum Efficiency Standards

Photo
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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
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Graphs_Lumen Maintenance

GENERAL CHARACTERISTICS

Lamp Type	Linear Fluorescent - Straight Linear
Bulb	T8
Base	Medium Bi-Pin (G13)
Rated Life (NOM)	40000.0 h
Rated Life (instant start) @ Time	25000 h @ 3 h
Rated Life (rapid start) @ Time	36000 h @ 12 h
Rated Life (rapid start) @ Time	40000.0 @ 3.0/45000.0 @ 12.0 h
Bulb Material	Soda lime
Starting Temperature (MIN)	10.0 °C
Mercury Content (NOM)	2.95 mg
Picograms of Mercury (NOM)	27.3 pg
Additional Info	TCLP compliant
Primary Application	Full Wattage

PHOTOMETRIC CHARACTERISTICS

Initial Lumens (NOM)	2800.0
Mean Lumens (NOM)	2660.0
Nominal Initial Lumens per Watt (NOM)	87.5
Color Temperature (NOM)	3000.0 K
Color Rendering Index (CRI) (NOM)	78.0
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)	47.780 in(1213.6 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	27616
Description	F32T8/XL/SP30ECO
ANSI Code	1005-2
Standard Package	Case
Standard Package GTIN	20043168276164
Standard Package Quantity	36
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	36
UPC	043168276160

Photo
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Graphs_Lamp Mortality

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