



GE
Lighting

42554 - F28T8SP50UMX/ECO

GE Ecolux® UltraMax™ Starcoat® T8

• Passes TCLP, which can lower disposal costs.

This product is no longer manufactured.

a product of
ecomagination



High Color Rendering
Energy Savings



Reduced Wattage
Meets Federal Minimum Efficiency Standards

Photo
Not Available



CAUTIONS & WARNINGS

Caution

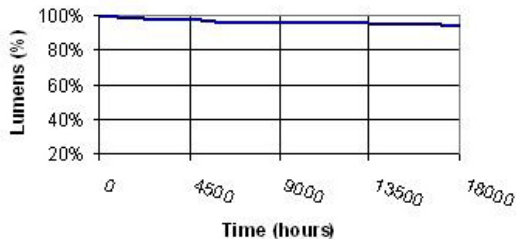
- Lamp may shatter and cause injury if broken
 - Wear safety glasses and gloves when handling lamp.
 - Do not use excessive force when installing lamp.

Warning

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

GRAPHS & CHARTS

Graphs_Lumen Maintenance



Graphs_Lamp Mortality

GENERAL CHARACTERISTICS

Lamp Type	Linear Fluorescent - Straight
Bulb	Linear
Base	T8
Rated Life (NOM)	Medium Bi-Pin (G13)
Rated Life (instant start) @ Time	18000.0 h
Bulb Material	18000 h @ 3 h
Starting Temperature (MIN)	24000 h @ 12 h
Mercury Content (NOM)	Soda lime
Picograms of Mercury (NOM)	15.0 °C
Additional Info	3.95 mg
	88.1 pg
	TCLP compliant

PHOTOMETRIC CHARACTERISTICS

Initial Lumens (NOM)	2650.0
Mean Lumens (NOM)	2490.0
Nominal Initial Lumens per Watt (NOM)	94.64286
Color Temperature (NOM)	5000.0 K
Color Rendering Index (CRI) (NOM)	80.0
S/P Ratio (Scotopic/Photopic Ratio) (NOM)	2.0

ELECTRICAL CHARACTERISTICS

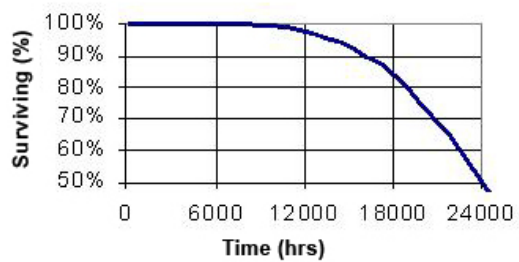
Wattage (NOM)	28.0
Open Circuit Voltage (instant start) Min @ Temperature	525 V @ 15 °C
Cathode Resistance Ratio - Rh/Rc (MIN)	4.25
Cathode Resistance Ratio - Rh/Rc (MAX)	6.5
Current Crest Factor (MAX)	1.7

DIMENSIONS

Maximum Overall Length (MOL) (NOM)	47.780 in(1213.6 mm)
Minimum Overall Length (NOM)	47.780 in(1213.6 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	42554
Description	F28T8SP50UMX/ECO
Standard Package	Case
Standard Package GTIN	10043168425541
Standard Package Quantity	36
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	36
UPC	043168425544



Graphs_Spectral Power Distribution

