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## 45750 – F25T8/SP30/ECO

GE Ecolux® Starcoat® T8



- Passes TCLP, which can lower disposal costs.

High Color Rendering

### GENERAL CHARACTERISTICS

Lamp type	Linear Fluorescent - Straight Linear
Bulb	T8
Base	Medium Bi-Pin (G13)
Wattage	25
Voltage	100
Rated Life	20000 hrs
Rated Life (instant start) @ Time	20000 h @ 12 h 15000 h @ 3 h
Rated Life (rapid start) @ Time	24000 h @ 12 h
Bulb Material	Soda lime
Starting Temperature (MIN)	10 °C (50 °F)
Picograms of Mercury	152 picograms
Additional Info	TCLP compliant

### PHOTOMETRIC CHARACTERISTICS

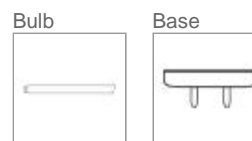
Initial Lumens	2080
Mean Lumens	1970
Nominal Initial Lumens per Watt	83
Color Temperature	3000 K
Color Rendering Index (CRI)	78
S/P Ratio (Scotopic/Photopic Ratio)	1.3

### ELECTRICAL CHARACTERISTICS

Open Circuit Voltage (rapid start) (MAX)	355 V
Open Circuit Voltage (rapid start) Min @ Temperature	260 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)	35.7800 in (908.8 mm)
Minimum Overall Length	35.6700 in (906.0 mm)



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### ADDITIONAL RESOURCES

[Catalogs](#)

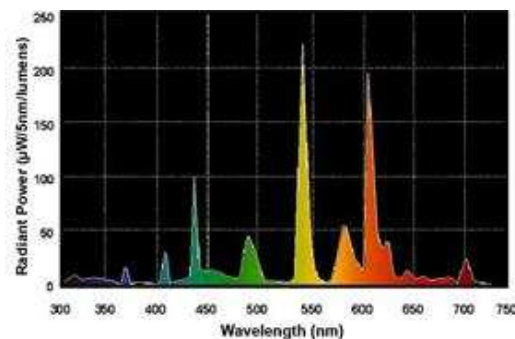
[Testimonials](#)

[MSDS \(Material Safety Data Sheets\)](#)

[Disposal Policies & Recycling Information](#)

### GRAPHS & CHARTS

#### Spectral Power Distribution



#### Lamp Mortality

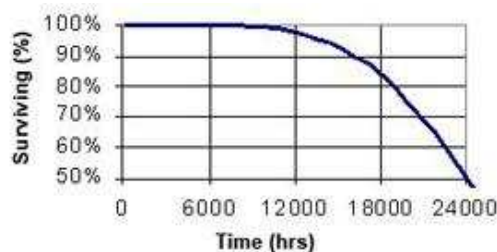
Nominal Length	36.000 in (914.4 mm)
Bulb Diameter (DIA)	1.000 in (25.4 mm)
Bulb Diameter (DIA) (MIN)	0.940 in (23.8 mm)
Bulb Diameter (DIA) (MAX)	1.100 in (27.9 mm)
Outside Bulb Diameter (MIN)	35.670 in (906.0 mm)
Max Base Face to Base Face (A)	35.220 in (894.5 mm)
Face to End of Opposing Pin (B) (MIN)	35.400 in (899.1 mm)
Face to End of Opposing Pin (B) (MAX)	35.500 in (901.7 mm)
End of Base Pin to End of Opposite Pin End (C)	35.670 in (906.0 mm)

#### PRODUCT INFORMATION

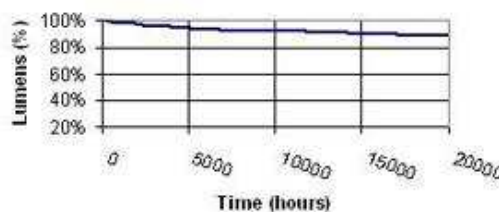
Product Code	45750
Description	F25T8/SP30/ECO
ANSI Code	1002-1
Standard Package	Case
Standard Package GTIN	10043168457504
Standard Package Quantity	24
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	24
UPC	043168457507

#### COMPATIBLE GE BALLASTS

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
<a href="#">80353</a>	B132R120V5	1	90.0	0.9
<a href="#">80362</a>	B232SR277S50	2	95.0	0.88
<a href="#">23680</a>	GE-132-120-N	1	99.0	0.87
<a href="#">24161</a>	GE-132-120-N-84T	1	99.0	0.87
<a href="#">23681</a>	GE-132-277-N	1	97.0	0.87
<a href="#">24162</a>	GE-132-277-N-84T	1	97.0	0.87
<a href="#">72258</a>	GE132MAX-L/ULTRA	1	99.0	0.81
<a href="#">72259</a>	GE132MAX-N/ULTRA	1	99.0	0.93
<a href="#">72269</a>	GE-132-MV-N	1	99.0	0.93
<a href="#">30189</a>	GE-132-MV-N	1	99.0	0.88
<a href="#">30268</a>	GE-132-MV-N-42T	1	99.0	0.88
<a href="#">72270</a>	GE-132-MV-N-42T	1	99.0	0.93
<a href="#">23671</a>	GE-232-120-N	1	99.0	0.97
<a href="#">24163</a>	GE-232-120-N-84T	1	99.0	0.97
<a href="#">29621</a>	GE-232-120-PS-N	1	98.0	1.04
<a href="#">97782</a>	GE232-120-RES	1	48.0	1.04
<a href="#">71037</a>	GE232-120RES-DIY	1	48.0	1.04
<a href="#">23672</a>	GE-232-277-N	2	98.0	0.97
<a href="#">24164</a>	GE-232-277-N-84T	2	98.0	0.97



#### Lumen Maintenance



<a href="#">29632</a>	GE-232-277PS-N-T	1	93.0	1.03
<a href="#">47548</a>	GE232MAX-H-42T	1	99.0	
<a href="#">49775</a>	GE232MAX-H/ULTRA	1	99.0	
<a href="#">72263</a>	GE232MAX-L-42T	1	99.0	0.8
<a href="#">72262</a>	GE232MAX-L/ULTRA	1	99.0	0.8
<a href="#">71421</a>	GE232MAX-N+	1	99.0	1.06
<a href="#">31052</a>	GE232MAX-N-42T	1	99.0	
<a href="#">72267</a>	GE232MAX-N-42T	1	99.0	0.93
<a href="#">72264</a>	GE232MAX-N/AMP	1	99.0	0.93
<a href="#">72265</a>	GE232MAX-N/CTR	1	99.0	0.93
<a href="#">23940</a>	GE232MAX-N-DIY	1	99.0	
<a href="#">72268</a>	GE232MAX-N-DIY	1	99.0	0.93
<a href="#">72266</a>	GE232MAX-N/ULTRA	1	99.0	0.93
<a href="#">49772</a>	GE232MAX-N/ULTRA	1	99.0	
<a href="#">30198</a>	GE-232-MV-H	1	99.0	1.32
<a href="#">30275</a>	GE-232-MV-H-42T	1	99.0	1.32
<a href="#">30247</a>	GE-232-MV-L	1	99.0	0.95
<a href="#">72273</a>	GE-232-MV-L	1	99.0	0.95
<a href="#">72274</a>	GE-232-MV-L-42T	1	99.0	0.95
<a href="#">72275</a>	GE-232-MV-N	1	99.0	1.08
<a href="#">72276</a>	GE-232-MV-N-42T	1	99.0	1.08
<a href="#">72277</a>	GE232MV-N-DIY	1	99.0	1.08
<a href="#">29675</a>	GE-232-MVPS-H	1	98.0	1.34
<a href="#">29651</a>	GE-232-MV-PS-H-T	1	98.0	1.34
<a href="#">96720</a>	GE232-MVPS-L	1	97.0	0.86
<a href="#">96714</a>	GE232-MVPS-N	1	98.0	1.09
<a href="#">29671</a>	GE-232-MVPS-XL	1	98.0	0.68
<a href="#">23673</a>	GE-332-120-N	2	99.0	0.97
<a href="#">24165</a>	GE-332-120-N-84T	2	99.0	0.97
<a href="#">29623</a>	GE-332-120-PS-N	2	99.0	0.99
<a href="#">29633</a>	GE-332-120PS-N-T	2	99.0	0.99
<a href="#">23674</a>	GE-332-277-N	2	98.0	0.97
<a href="#">24166</a>	GE-332-277-N-84T	2	98.0	0.97
<a href="#">29624</a>	GE-332-277-PS-N	2	96.0	0.99
<a href="#">47549</a>	GE332MAX-H-42T	2	99.0	
<a href="#">71715</a>	GE332MAX-H-42T	2	99.0	1.26
<a href="#">97713</a>	GE332MAX-HSL84T	2	97.0	
<a href="#">71714</a>	GE332MAX-H/ULTRA	2	99.0	1.26

<a href="#">71718</a>	GE332MAX-L-42T	2	99.0	0.86
<a href="#">71717</a>	GE332MAX-L/ULTRA	2	99.0	0.86
<a href="#">71422</a>	GE332MAX-N+	2	96.0	1.01
<a href="#">31053</a>	GE332MAX-N-42T	2	99.0	
<a href="#">71721</a>	GE332MAX-N-42T	2	99.0	0.94
<a href="#">97657</a>	GE332MAX-N/CTR	2	99.0	
<a href="#">71720</a>	GE332MAX-N/CTR	2	99.0	0.94
<a href="#">71722</a>	GE332MAX-N-DIY	2	99.0	0.94
<a href="#">23941</a>	GE332MAX-N-DIY	2	99.0	
<a href="#">71719</a>	GE332MAX-N/ULTRA	2	97.0	0.94
<a href="#">30199</a>	GE-332-MV-H	2	97.0	1.14
<a href="#">30296</a>	GE-332-MV-H-42T	2	97.0	1.14
<a href="#">30255</a>	GE-332-MV-L	2	96.0	0.86
<a href="#">30192</a>	GE-332-MV-N	2	97.1	0.94
<a href="#">30270</a>	GE-332-MV-N-42T	2	97.1	0.94
<a href="#">97710</a>	GE-332MV-N-DIY	2	97.1	0.94
<a href="#">29676</a>	GE-332-MVPS-H	2	98.0	1.25
<a href="#">96721</a>	GE332-MVPS-L	2	0.82	0.82
<a href="#">96715</a>	GE332-MVPS-N	2	94.0	1.02
<a href="#">29672</a>	GE-332-MVPS-XL	2	98.0	0.64
<a href="#">23675</a>	GE-432-120-N	3	0.97	0.97
<a href="#">24167</a>	GE-432-120-N-84T	3	99.0	0.97
<a href="#">29625</a>	GE-432-120-PS-N	3	99.0	0.95
<a href="#">29635</a>	GE-432-120PS-N-T	3	99.0	0.95
<a href="#">97783</a>	GE432-120-RES	3	5.0	0.94
<a href="#">71038</a>	GE432-120RES-DIY	3	5.0	0.94
<a href="#">23676</a>	GE-432-277-N	3		0.97
<a href="#">71724</a>	GE432MAX-H-42T	3	99.0	1.27
<a href="#">71723</a>	GE432MAX-H/ULTRA	3	99.0	1.27
<a href="#">49777</a>	GE432MAX-H/ULTRA	3	99.0	
<a href="#">71726</a>	GE432MAX-L-42T	3	99.0	0.83
<a href="#">71725</a>	GE432MAX-L/ULTRA	3	99.0	0.83
<a href="#">71423</a>	GE432MAX-N+	3	99.0	1.05
<a href="#">31054</a>	GE432MAX-N-42T	3	99.0	
<a href="#">71728</a>	GE432MAX-N/CTR	3	99.0	0.9
<a href="#">97658</a>	GE432MAX-N/CTR	3	99.0	
<a href="#">71730</a>	GE432MAX-N-DIY	3	99.0	0.9
<a href="#">49774</a>	GE432MAX-N/ULTRA	3	99.0	

<a href="#">71727</a>	GE432MAX-N/ULTRA	3	99.0	0.9
<a href="#">30219</a>	GE-432-MV-H	3	99.0	1.22
<a href="#">30262</a>	GE-432-MV-L	3	99.0	0.86
<a href="#">30193</a>	GE-432-MV-N	3	99.0	0.93
<a href="#">30271</a>	GE-432-MV-N-42T	3	99.0	0.93
<a href="#">97711</a>	GE-432MV-N-DIY	3	99.0	0.93
<a href="#">29678</a>	GE-432-MVPS-H	3	98.0	1.23
<a href="#">29657</a>	GE-432-MV-PS-H-T	3	98.0	1.23
<a href="#">71832</a>	GE432-MVPS-L	3	0.99	0.719
<a href="#">96716</a>	GE432-MVPS-N	3	98.0	1.0
<a href="#">71497</a>	GE632MAX-H90-S60	5	0.99	1.16
<a href="#">71502</a>	GE632MAXH90-S60T	5	0.99	1.16
<a href="#">71731</a>	GE632MAX-H90-V60	5	0.99	1.16
<a href="#">71732</a>	GE632MAXH90-V60T	5	0.99	1.16
<a href="#">87130</a>	GEM232T8RS277	2	98.0	1.0

#### CAUTIONS & WARNINGS

[See list of cautions & warnings.](#)

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