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[Products](#) > 16091**16091 – F32T8/SP65/ECO**

GE Ecolux® Starcoat® T8



- Passes TCLP, which can lower disposal costs.

High Color Rendering
Meets Federal Minimum Efficiency Standards

GENERAL CHARACTERISTICS

Lamp type	Linear Fluorescent - Straight Linear
Bulb	T8
Base	Medium Bi-Pin (G13)
Wattage	32
Voltage	137
Rated Life	20000 hrs
Rated Life (instant start) @ Time	20000 h @ 3 h 24000 h @ 12 h
Rated Life (rapid start) @ Time	24000 h @ 12 h
Bulb Material	Soda lime
Starting Temperature (MIN)	10 °C (50 °F)
Picograms of Mercury	77 picograms
Additional Info	TCLP compliant

PHOTOMETRIC CHARACTERISTICS

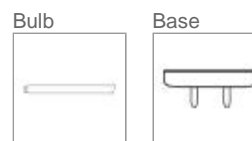
Initial Lumens	2700
Mean Lumens	2565
Nominal Initial Lumens per Watt	84
Color Temperature	6500 K
Color Rendering Index (CRI)	78
S/P Ratio (Scotopic/Photopic Ratio)	2.1

ELECTRICAL CHARACTERISTICS

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

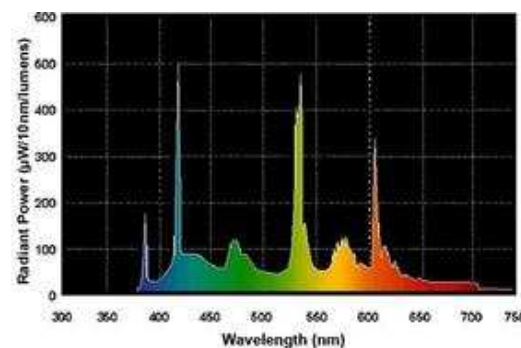
DIMENSIONS

Maximum Overall Length (MOL)	47.7800 in (1213.6 mm)
Minimum Overall Length	47.6700 in (1210.8 mm)
Nominal Length	48.000 in (1219.2 mm)

[View Larger](#)**ADDITIONAL RESOURCES****Catalogs****Testimonials****Brochures**

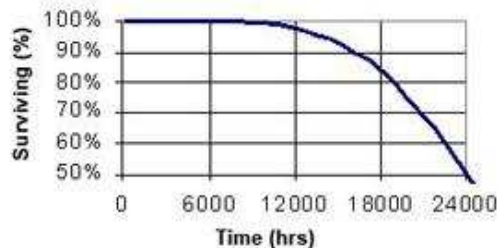
Product Brochures

- [Ecolux](#)
 - [Ecolux \(Environmental\)](#)
- Application/Segment Brochures
- [Retail Lighting](#)
 - [Office Lighting](#)
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 - [Contractor Lighting](#)

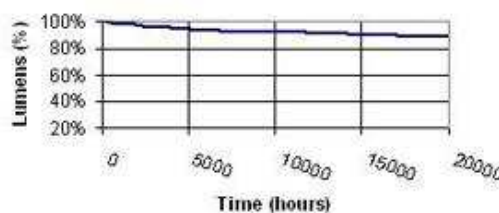
MSDS (Material Safety Data Sheets)**Disposal Policies & Recycling Information****GRAPHS & CHARTS****Spectral Power Distribution**

Lamp Mortality

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)
Max Base Face to Base Face (A)	47.220 in (1199.3 mm)
Face to End of Opposing Pin (B) (MIN)	47.400 in (1203.9 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)	47.670 in (1210.8 mm)



Lumen Maintenance

**PRODUCT INFORMATION**

Product Code	16091
Description	F32T8/SP65/ECO
ANSI Code	1005-2
Standard Package	Case
Standard Package GTIN	10043168160916
Standard Package Quantity	36
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	36
UPC	043168160919

COMPATIBLE GE BALLASTS

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
80353	B132R120V5	1	90.0	0.88
80355	B232SR120V5	2	90.0	0.88
80362	B232SR277S50	2	90.0	0.88
80356	B232SR277V5	2		0.88
80357	B332SR120V5	3	90.0	0.88
80358	B332SR277V5	3	90.0	0.88
23680	GE-132-120-N	1	99.0	0.87
24161	GE-132-120-N-84T	1	99.0	0.87
23681	GE-132-277-N	1	99.0	0.87
24162	GE-132-277-N-84T	1	99.0	0.87
72258	GE132MAX-L/ULTRA	1	99.0	0.77
72260	GE132MAX-N-DIY	1	99.0	0.87
72259	GE132MAX-N/ULTRA	1	99.0	0.87
30189	GE-132-MV-N	1	99.0	0.87
72269	GE-132-MV-N	1	99.0	0.87
30268	GE-132-MV-N-42T	1	99.0	0.87
72270	GE-132-MV-N-42T	1	99.0	0.87
23671	GE-232-120-N	1	99.0	0.94
24163	GE-232-120-N-84T	1	99.0	0.94
29621	GE-232-120-PS-N	1	99.0	1.03
97782	GE232-120-RES	1	48.0	0.99
71037	GE232-120RES-	1	48.0	0.99

DIY					
23672	GE-232-277-N	2	99.0	0.94	
24164	GE-232-277-N-84T	2	99.0	0.94	
29622	GE-232-277-PS-N	1	95.0	1.03	
29632	GE-232-277PS-N-T	1	95.0	1.03	
47548	GE232MAX-H-42T	1	99.0	1.15	
49775	GE232MAX-H/ULTRA	1	99.0	1.15	
72263	GE232MAX-L-42T	1	99.0	0.77	
72262	GE232MAX-L/ULTRA	1	99.0	0.77	
49707	GE232MAX-L/ULTRA	1	99.0	0.77	
71421	GE232MAX-N+	1	99.0	1.0	
72267	GE232MAX-N-42T	1	99.0	0.87	
31052	GE232MAX-N-42T	1	99.0	0.87	
72264	GE232MAX-N/AMP	1	99.0	0.87	
72265	GE232MAX-N/CTR	1	99.0	0.87	
97656	GE232MAX-N/CTR	1	99.0	0.87	
72268	GE232MAX-N-DIY	1	99.0	0.87	
23940	GE232MAX-N-DIY	1	99.0	0.87	
49772	GE232MAX-N/ULTRA	1	99.0	0.87	
72266	GE232MAX-N/ULTRA	1	99.0	0.87	
30198	GE-232-MV-H	1	99.0	1.34	
30275	GE-232-MV-H-42T	1	99.0	1.34	
72273	GE-232-MV-L	1	99.0	0.93	
30247	GE-232-MV-L	1	99.0	0.93	
72274	GE-232-MV-L-42T	1	99.0	0.93	
72275	GE-232-MV-N	1	99.0	1.08	
72276	GE-232-MV-N-42T	1	99.0	1.08	
30269	GE-232-MV-N-42T	1	99.0	1.02	
97709	GE-232MV-N-DIY	1	99.0	1.02	
72277	GE232MV-N-DIY	1	99.0	1.08	
29675	GE-232-MVPS-H	1	98.0	1.37	
96720	GE232-MVPS-L	1	98.0	0.81	
96714	GE232-MVPS-N	1	98.0	1.05	
96717	GE232-MVPS-N-42T	1	98.0	1.05	
29671	GE-232-MVPS-XL	1	98.0	0.7	
29665	GE-232-MVPS-XL-T	1	98.0	0.7	
23673	GE-332-120-N	2	99.0	0.94	
24165	GE-332-120-N-84T	2	99.0	0.94	
29623	GE-332-120-PS-N	2	99.0	1.0	

29633	GE-332-120PS-N-T	2	99.0	1.0
23674	GE-332-277-N	2	99.0	0.94
24166	GE-332-277-N-84T	2	99.0	0.94
29624	GE-332-277-PS-N	2	97.0	1.0
71715	GE332MAX-H-42T	2	99.0	1.29
71714	GE332MAX-H/ULTRA	2	99.0	1.29
49776	GE332MAX-H/ULTRA	2	99.0	1.15
71718	GE332MAX-L-42T	2	99.0	0.89
49708	GE332MAX-L/ULTRA	2	99.0	0.77
71717	GE332MAX-L/ULTRA	2	99.0	0.89
71422	GE332MAX-N+	2	99.0	1.0
31053	GE332MAX-N-42T	2	99.0	0.87
71721	GE332MAX-N-42T	2	99.0	0.97
71720	GE332MAX-N/CTR	2	99.0	0.97
97657	GE332MAX-N/CTR	2	99.0	0.87
23941	GE332MAX-N-DIY	2	99.0	0.87
71722	GE332MAX-N-DIY	2	99.0	0.97
71719	GE332MAX-N/ULTRA	2	99.0	0.97
30199	GE-332-MV-H	2	99.0	1.27
30296	GE-332-MV-H-42T	2	99.0	1.27
30255	GE-332-MV-L	2	99.0	0.87
30309	GE-332-MV-L-42T	2	99.0	0.87
30192	GE-332-MV-N	2	99.0	0.96
30270	GE-332-MV-N-42T	2	99.0	0.96
97710	GE-332MV-N-DIY	2	99.0	0.96
29676	GE-332-MVPS-H	2	98.0	1.28
29656	GE-332-MV-PS-H-T	2	98.0	1.28
96721	GE332-MVPS-L	2	98.0	0.77
96715	GE332-MVPS-N	2	98.0	0.98
29672	GE-332-MVPS-XL	2	98.0	0.64
23675	GE-432-120-N	3	0.94	0.94
24167	GE-432-120-N-84T	3	99.0	0.94
29625	GE-432-120-PS-N	3	99.0	0.96
29635	GE-432-120PS-N-T	3	99.0	0.96
97783	GE432-120-RES	3	5.0	0.88
71038	GE432-120RES-DIY	3	5.0	0.88
23676	GE-432-277-N	3		0.94
24168	GE-432-277-N-84T	3	99.0	0.94
71724	GE432MAX-H-	3	99.0	1.28

	42T			
49777	GE432MAX-H/ULTRA	3	99.0	1.15
71723	GE432MAX-H/ULTRA	3	99.0	1.28
71726	GE432MAX-L-42T	3	99.0	0.88
49709	GE432MAX-L/ULTRA	3	99.0	0.77
71725	GE432MAX-L/ULTRA	3	99.0	0.88
71423	GE432MAX-N+	3	99.0	1.15
71729	GE432MAX-N-42T	3	99.0	0.94
71728	GE432MAX-N/CTR	3	99.0	0.94
97658	GE432MAX-N/CTR	3	99.0	0.87
71730	GE432MAX-N-DIY	3	99.0	0.94
71727	GE432MAX-N/ULTRA	3	99.0	0.94
30219	GE-432-MV-H	3	99.0	1.24
30303	GE-432-MV-H-42T	3	99.0	1.24
30262	GE-432-MV-L	3	99.0	0.87
30310	GE-432-MV-L-42T	3	99.0	0.87
30193	GE-432-MV-N	3	99.0	0.93
30271	GE-432-MV-N-42T	3	99.0	0.93
97711	GE-432MV-N-DIY	3	99.0	0.93
29678	GE-432-MVPS-H	3	98.0	1.26
71832	GE432-MVPS-L	3	0.98	0.71
96716	GE432-MVPS-N	3	98.0	0.96
87125	GEM232T8RS120	2	98.0	0.94
87130	GEM232T8RS277	2	98.0	0.98

CAUTIONS & WARNINGS

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