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[Products](#) > 41778**41778 – F31T8/SPX41/U**

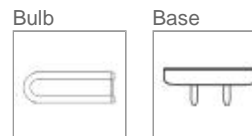
GE Mod-U-line® T8



High Color Rendering

GENERAL CHARACTERISTICS

Lamp type	Linear Fluorescent - U-Shaped
Bulb	T8
Base	Medium Bi-Pin (G13)
Wattage	31
Voltage	135
Rated Life	20000 hrs
Bulb Material	Soda lime
Starting Temperature (MIN)	10
Picograms of Mercury	160 picograms

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- [Mod-U-Line®](#)

[MSDS \(Material Safety Data Sheets\)](#)[Disposal Policies & Recycling Information](#)**PHOTOMETRIC CHARACTERISTICS**

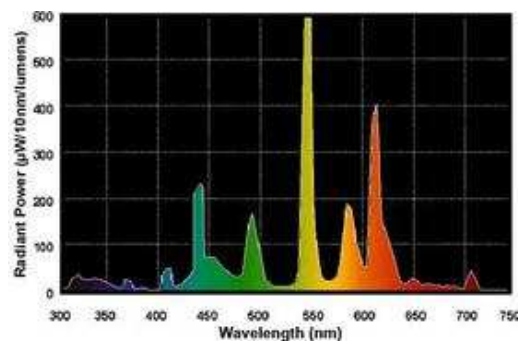
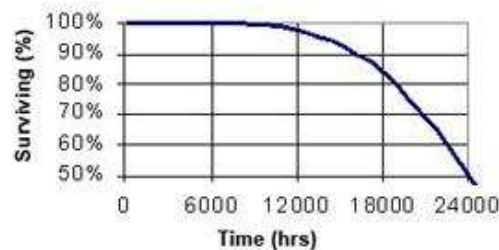
Initial Lumens	2725
Mean Lumens	2500
Nominal Initial Lumens per Watt	87
Color Temperature	4100 K
Color Rendering Index (CRI)	82

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

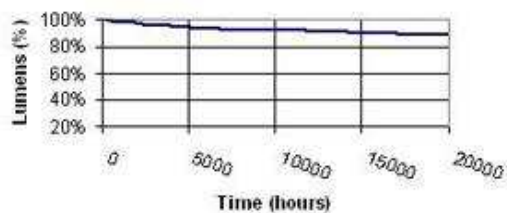
DIMENSIONS

Maximum Overall Length (MOL)	22.6000
Minimum Overall Length	22 1/4
Nominal Length	22 1/2
Bulb Diameter (DIA)	1
Bulb Diameter in Bend (MIN)	0.940
Bulb Diameter in Bend (MAX)	1.100
Bulb Diameter in Legs (MIN)	0.940
Bulb Diameter in Legs (MAX)	1.100
Base Face to Top of Lamp	22 1/4
Lamp Legs Center to Center Length	1 5/8

GRAPHS & CHARTS**Spectral Power Distribution****Lamp Mortality****Lumen Maintenance**

PRODUCT INFORMATION

Product Code	41778
Description	F31T8/SPX41/U
ANSI Code	78901-ANSI-4026-1
Standard Package	Case
Standard Package GTIN	10043168417782
Standard Package Quantity	15
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	15
UPC	043168417785

**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
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-DIY	1	48.0	0.99
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
49707	GE232MAX-	1	99.0	0.77

L/ULTRA				
72262	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
23940	GE232MAX-N-DIY	1	99.0	0.87
72268	GE232MAX-N-DIY	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
30247	GE-232-MV-L	1	99.0	0.93
72273	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
72277	GE232MV-N-DIY	1	99.0	1.08
97709	GE-232MV-N-DIY	1	99.0	1.02
29675	GE-232-MVPS-H	1	98.0	1.37
29651	GE-232-MV-PS-H-T	1	98.0	1.37
96720	GE232-MVPS-L	1	98.0	0.81
96714	GE232-MVPS-N	1	98.0	1.05
29671	GE-232-MVPS-XL	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
47549	GE332MAX-H-42T	2	99.0	1.15
71715	GE332MAX-H-42T	2	99.0	1.29
97713	GE332MAX-HSL84T	2	99.0	1.15
71714	GE332MAX-H/ULTRA	2	99.0	1.29
71718	GE332MAX-L-42T	2	99.0	0.89
71717	GE332MAX-L/ULTRA	2	99.0	0.89
49708	GE332MAX-L/ULTRA	2	99.0	0.77
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
97657	GE332MAX-N/CTR	2	99.0	0.87
71720	GE332MAX-N/CTR	2	99.0	0.97
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
49773	GE332MAX-N/ULTRA	2	99.0	0.87
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
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
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-42T	3	99.0	1.28
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
71725	GE432MAX-L/ULTRA	3	99.0	0.88
71423	GE432MAX-N+	3	99.0	1.15
31054	GE432MAX-N-42T	3	99.0	0.87
97658	GE432MAX-N/CTR	3	99.0	0.87
71728	GE432MAX-N/CTR	3	99.0	0.94
71730	GE432MAX-N-DIY	3	99.0	0.94
49774	GE432MAX-N/ULTRA	3	99.0	0.87

71727	GE432MAX-N/ULTRA	3	99.0	0.94
30219	GE-432-MV-H	3	99.0	1.24
30262	GE-432-MV-L	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
29657	GE-432-MV-PS-H-T	3	98.0	1.26
71832	GE432-MVPS-L	3	0.98	0.71
96716	GE432-MVPS-N	3	98.0	0.96
71497	GE632MAX-H90-S60	6	0.99	1.25
71502	GE632MAXH90-S60T	6	0.99	1.25
71731	GE632MAX-H90-V60	6	0.99	1.25
71732	GE632MAXH90-V60T	6	0.99	1.25
87125	GEM232T8RS120	2	98.0	0.94
87130	GEM232T8RS277	2	98.0	0.98

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