

Ordering Guide and System Wattage

*F32T8 SPX = 2950 Preliminary	Lamps Type	#	Product Code 10pk	Pallet	Input Volts	NEMA Premium	Input Watts	Ballast Factor	(Initial) System Lumens	Lumens/Watt
GE132-N-347	F32T8	1	74101		347	No	30	.87	2567	86
	F32T8/WM						28	.86	2451	88
	F28T8						26	.84	2310	89
	F32T8/25W						24	.84	2016	84
GE232MAX347-L	F32T8	2	74096		347	Yes	48	.77	4543	95
	F32T8/WM						45	.77	4389	98
	F28T8						42	.74	4070	97
	F32T8/25W						37	.74	3552	96
GE232MAX347-N	F32T8	2	74093		347	Yes	53	.87	5133	97
	F32T8/WM						50	.86	4902	98
	F28T8						46	.84	4620	100
	F32T8/25W						42	.84	4032	96
GE232MAX347-H	F32T8	2	74109	74110	347	Yes	72	1.18	6962	97
	F32T8/WM						67	1.15	6555	98
	F28T8						63	1.13	6215	99
	F32T8/25W						56	1.12	5376	96
GE332MAX347-L	F32T8	3	74097		347	Yes	71	.77	6815	96
	F32T8/WM						68	.76	6498	96
	F28T8						63	.74	6105	97
	F32T8/25W						55	.73	5256	96
GE332MAX347-N	F32T8	3	74094		347	Yes	79	.87	7700	97
	F32T8/WM						75	.86	7353	98
	F28T8						70	.84	6930	99
	F32T8/25W						63	.84	6048	96
GE332MAX347-H	F32T8	3	74111	74112	347	Yes	107	1.18	10443	98
	F32T8/WM						100	1.15	9833	98
	F28T8						93	1.13	9323	99
	F32T8/25W						85	1.13	8136	96
GE432MAX347-L	F32T8	4	74098		347	Yes	96	.77	9086	95
	F32T8/WM						90	.76	8664	96
	F28T8						84	.74	8140	97
	F32T8/25W						74	.74	7104	96
GE432MAX347-N	F32T8	4	74095		347	Yes	106	.88	10384	98
	F32T8/WM						100	.86	9804	98
	F28T8						93	.84	9240	99
	F32T8/25W						84	.84	8064	96
GE432MAX347-H	F32T8	4	74113	74114	347	Yes	140	1.18	13924	99
	F32T8/WM						134	1.15	13110	98
	F28T8						126	1.13	12430	99
	F32T8/25W						113	1.12	10752	95
GE259-N-347	F96T8	2	74099	74100	347	N/A	108	.88	10472	97
	F96T8/WM						102	.88	10208	100
	F96T8/WMP						95	.88	10208	107



The Low watt option for maximum energy savings. With a ballast factor of .77, the L line is the most energy efficient choice. It provides adequate illumination for most applications. For 1, 2, 3, and 4 T8 lamps in 2', 3', and 4' lengths.



The Normal light option balances efficiency and illumination. The most-used type of ballast, the N line saves energy without sacrificing lumens. A ballast factor of .87 meets most application needs. For 1, 2, 3, and 4 T8 lamps in 2', 3', 4', and 8' lengths.



The choice for High light output. With a ballast factor of 1.15, UltraMax® H delivers the most lumens for maximum light or when you want more savings using fewer lamps. This is the first high-efficiency high-light output line for 2, 3, and 4' T8 lamps.

Safety & Disposal

- CSA Listed
 - Type 1 Outdoor
 - Type HL (Hazardous Location)
- No PCBs
- RoHS Compliant

Application Information

- Minimum Starting
 - Temperature: -22°F, -30°C
- Sound Rated A
- Remote Mounting:
 - 18' maximum lead length,
 - 18 AWG
- High Frequency Lamp Operation:
 - Above 70 kHz

Physical Parameters

- (1-4 L & N, 2-4H, 259 ballasts)
- Length: 9.50 in.
 - Mount: 8.89 in.
 - Width: 1.30 in.
 - Height: 1.18 in.
 - Weight: 1.06 lbs.
- (4H ballast)
- Length: 9.50 in.
 - Mount: 8.89 in.
 - Width: 1.70 in.
 - Height: 1.18 in.
 - Weight: 1.4 lbs.

GE Consumer & Industrial Lighting



347V High Efficiency Instant Start Ballasts



Breakthrough Technology That Dramatically Improves Efficiency, Simplifies Installation and Delivers Optimal Lamp Performance



Transforming the POWER of Light™

GE National Customer Service Center
1-888-GEBALLAST (432-2552)

Information provided is subject to change without notice. Please verify all details with GE. All values are design or typical values when measured under laboratory conditions, and GE makes no warranty or guarantee, express or implied, that such performance will be obtained under end-use conditions.

For product specifications and application information, please consult GE's Website: www.gelighting.com

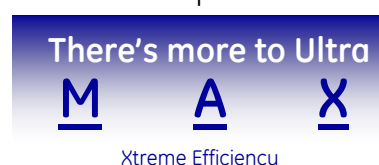


imagination at work



GE revolutionizes lighting again with new, breakthrough technology.

In the GE labs, our engineers have developed a breed of ballasts to make lighting systems that save more energy, are more adaptable, and deliver optimal lamp performance.



The innovative, patented technology in our UltraMax® electronic ballasts exceeds expectations.



UltraMax® 347V high efficiency ballasts deliver over 40% energy savings.

Standard instant start ballasts are ~85% efficient which means ballasts consume 15% of the total system power and dissipate the wasted power into heat. UltraMax® 347V ballasts are all >90% efficient and exceed NEMA Premium® minimum efficiency and ballast efficacy factor requirements. Systems combining UltraMax® electronic ballasts and T8 energy saving lamps deliver over 40% energy savings over standard T12 systems. Since energy costs are typically 80% of the overall cost of light, a more efficient system pays for itself quickly and provides an excellent return on investment.

Anti-Striation Control for better light quality, with no striations.

UltraMax®'s 347V Anti-Striation Control circuit minimizes lamp striations that can occur when using energy saving lamps such as the F32T8/WM, F28T8 and F32T8/25W lamps. This advanced technology eliminates the maintenance issues caused by striating lamps, often referred to as spiraling or swirling. This provides a flicker- and worry-free environment.

-22F/-30C Minimum Starting Temperature.

Cold temperature starting performance with standard T8 lamps.

A big idea in a small package.

The UltraMax® 347V housing is small, low profile and lightweight. UltraMax® 347V 1, 2, 3 & 4 lamp L & N and 2 & 3 lamp H ballasts are in a new mini 1.3" wide x 1.18" high x 9.5" long housing for easy handling. UltraMax® 4H 347V is only 9.5 x 1.7 x 1.18" and is greater than 7" smaller than other instant start 4H ballasts. That can be a big help in retrofits. It also means fixture designs can be more compact and streamlined.

Fully parallel independent lamp operation makes system easier to maintain

If one lamp fails, all the others in the system stay lit.

RoHS Compliant

ecomaginationSM is GE's commitment to create products that help our customers improve their environmental and operating performance. GE encourages customer awareness on the importance of reducing hazardous materials and getting ahead of complying with environmental trends.

Look for the RoHS-compliant mark on all GE ballasts. GE UltraMax® ballasts are high-efficiency, energy-efficient and RoHS compliant.

(European Directive 2002/95EC on the Restriction of Hazardous Substances) states that (beyond certain limited exemptions) electrical and electronic products shall not contain lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyls (PBBs), or Polybrominated diphenyl ethers (PBDEs). GE's Ultra ballasts use lead-free solder and other environmentally preferable materials that meet the RoHS directive. RoHS-compliant ballasts are GE's commitment to helping our customers meet their disposal needs now, and in the future.



UltraMax® ballasts are Ultra Cool.

UltraMax®'s high efficiency design and unique Inverted housing results in ultra-cool operation designed specifically for High ambient conditions that can also provide additional AC energy savings, especially during Peak demand periods. Combine GE's Ultra ballasts with cool running fixtures to achieve maximum system performance in hot temperatures. GE provides the Ultra Cool™ system certification with high grade fixture systems which means a 5 year 55C max ambient warranty.



Every unit is tested and proven before it's shipped.

GE does 100% burn-in on every UltraMax® ballast; using our extreme open/short test, which simulates undesirable and harsh-use situations, so you are assured of a system you can rely on right out of the box.

GE Six Sigma quality backed by a full 5-year ballast limited warranty.

UltraMax® ballasts are designed by GE's expert engineers and custom-manufactured to our exacting. Six Sigma specifications, all backed by a 5-year limited warranty. And, when used with GE T8 lamps you get our Ultra System limited warranty. (See gelighting.com system warranty page for details).

System Performance Comparisons

* BF=Ballast Factor, Light=System Mean Lumens RLPW=Relative Lumens Per Watt, LPW=Lumens Per Watt

		2-Lamp System Performance 4' Fluorescent (4-lamp performance approx 2x 2-lamp system)				
		Electromagnetic E.S.	Standard Electronic- N	UltraMax - L	UltraMax - N	UltraMax - H
Watt-Miser T12CW	Watts:	74				
	BF	0.9				
	Light	100%				
	RLPW	100%				
	LPW	55				
F32T8 & F32T8/HL SPX	Watts:	69	58	48	53	72
	BF	0.88	0.87	0.77	0.87	1.18
	Light	120%	119%	105%	119%	161%
	RLPW	129%	151%	162%	166%	165%
	LPW	71	84	90	92	92
F32T8/WM SP	Watts:	Not Recommended	54	45	50	67
	BF		0.88	0.77	0.86	1.15
	Light		115%	100%	112%	150%
	RLPW		157%	165%	166%	166%
	LPW		87	92	92	92
F28T8/UMX UltraMax System SP	Watts:	Not Recommended	Not Recommended	42	46	63
	BF			0.74	0.84	1.13
	Light			93%	106%	142%
	RLPW			164%	170%	167%
	LPW			91	94	93
F32T8/25W UltraMax System SP	Watts:	Not Recommended	Not Recommended	37	42	56
	BF			0.74	0.84	1.12
	Light			81%	92%	123%
	RLPW			163%	163%	163%
	Lamps LPW			2	2	2
			90	90	90	
		3-Lamp System Performance 4' Fluorescent				
		Electromagnetic E.S.	Standard Electronic- N	UltraMax - L	UltraMax - N	UltraMax - H
Watt-Miser T12CW	Watts:	117				
	BF	0.91				
	Light	100%				
	RLPW	100%				
	LPW	53				
F32T8 & F32T8/HL SPX	Watts:	105	87	71	79	107
	BF	0.88	0.88	0.77	0.87	1.18
	Light	180%	119%	104%	117%	159%
	RLPW	127%	160%	171%	174%	174%
	LPW	70	85	91	93	93
F32T8/WM SP	Watts:	Not Recommended	81	68	75	100
	BF		0.88	0.76	0.86	1.15
	Light		113%	98%	111%	148%
	RLPW		164%	169%	173%	173%
	LPW		87	90	92	92
F28T8 UltraMax System SP	Watts:	Not Recommended	Not Recommended	63	70	93
	BF			0.74	0.84	1.13
	Light			92%	105%	141%
	RLPW			171%	175%	177%
	LPW			91	93	94
F32T8/25W UltraMax System SP	Watts:	Not Recommended	Not Recommended	55	63	85
	BF			0.73	0.84	1.13
	Light			79%	91%	123%
	RLPW			169%	170%	169%
	Lamps LPW			3	3	3
			90	90	90	

Transforming the Power of Light™

For more information, visit www.gelighting.com