

Ultra Energy Saving F32T8 High Lumen

Low Operating Cost

- Retrofit existing T12 fixture with a normal ballast factor GE UltraMax® or UltraStart® system and save up to 24% in energy
- More energy savings available in low ballast factor systems

Up to 33% longer life than standard F32 T8s*

- 40,000 hour life for 3hrs/start cycle
- 45,000 hour life for 12hrs/start cycle
- Extend group relamp cycles by almost 2 years compared to a standard T8 lamp
- Significantly reduce spot relamping costs

Increased Light Output

- 10% more lumens than standard T8, 3100 initial lumens vs. 2800 lumens
- Increased light output available in high ballast factor systems

Reduced Mercury

- Ecolux® low mercury products pass Federal TCLP tests

GE Express Lamp & Ballast
Warranty Service Program**



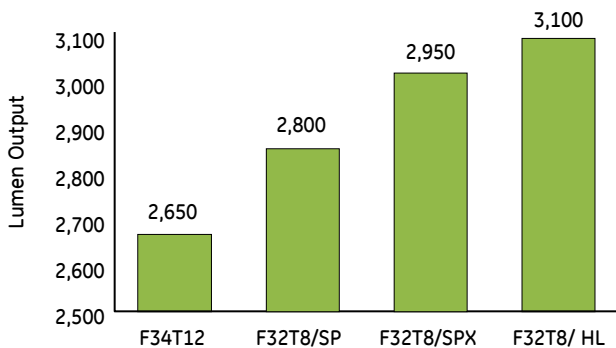
DOE LPW Regulation:

Meets new minimum efficiency standard, effective July 14, 2012

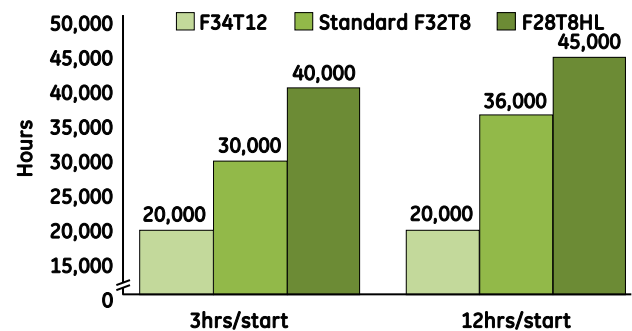
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Initial Lumen Output



Programmed Start Life Ratings



* Energy saving and group relamp cycle figures based on 4-lamp system life rating, programmed start ballasts \$0.11 kWh energy cost, group relamp cycle @ 70% rated life, and 4,100 annual burn hours.

**Warranty based on GE Lamps operating on GE Ballast. See program documents for full details.



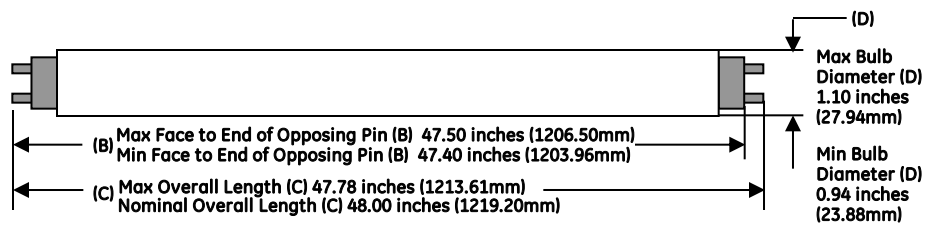
imagination at work



F32T8 High Lumen Lamp Specifications

Lamp Characteristics – F32T8/XL/SPX41/HL/ECO Product Code 10322

Nominal Lamp Watts (W)	32
Nominal Lamp Voltage (V)	137
Bulb Designation	T8
Bulb Material	Soda Lime
Base Type	Medium Bi-Pin (G13)
TCLP Compliant	No
LEED – EB MR Credit	26 picograms Hg per mean lumen hour

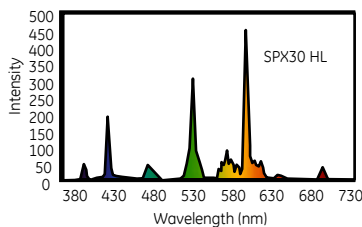


Products

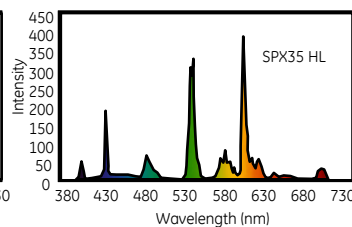
							Instant Start (IS)		Programmed Rapid Start (PRS)					
4' T8 Ecolux® High Lumen Product Code	Description	Case Qty.	Nominal Lamp Watts (W)	Initial Lumens	Mean Lumens	Initial Nominal Efficacy (Lumens/Watt)	Rated Life (3hr/Start)	Rated Life (12hr/Start)	Rated Life (3hr/Start)	Rated Life (12hr/Start)	Color Temp (K)	CRI	IS/PRS System Warranty (months)*	
10327	F32T8/XL/SPX30/HL/ECO	36	32	3,100	2,915	97	25,000	36,000	40,000	45,000	3,000	85	48/48	
10326	F32T8/XL/SPX35/HL/ECO	36	32	3,100	2,915	97	25,000	36,000	40,000	45,000	3,500	85	48/48	
10322	F32T8/XL/SPX41/HL/ECO	36	32	3,100	2,915	97	25,000	36,000	40,000	45,000	4,100	82	48/48	
42556	F32T8/XL/SPX50/HL/ECO	36	32	3,000	2,820	94	25,000	36,000	40,000	45,000	5,000	80	48/48	
With covRguard®														
00268	F32T8XLSPX35HCVG	36	32	3,007	2,228	94	25,000	36,000	40,000	45,000	3,500	85	48/48	
00269	F32T8XLSPX41HCVG	36	32	3,007	2,228	94	25,000	36,000	40,000	45,000	4,100	82	48/48	
80497	F32T8XLSPX50HCVG	36	32	2,910	2,735	122	25,000	36,000	40,000	45,000	5,000	85	48/48	

*After date of purchase or hours of operation, whichever comes first; Time period from date of manufacture; Linear fluorescent operating at 4,000 hours per year, high intensity discharge at 5,000 hours per year.

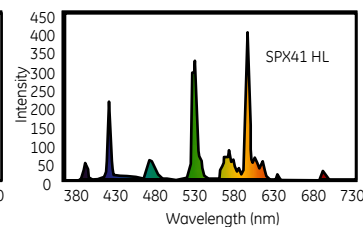
Fluorescent Lamp Spectra
F32T8 HL colors – SPX30 HL



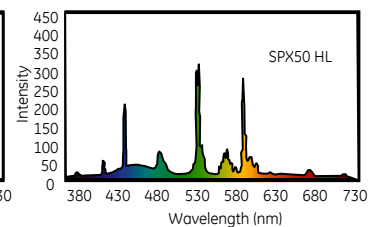
Fluorescent Lamp Spectra
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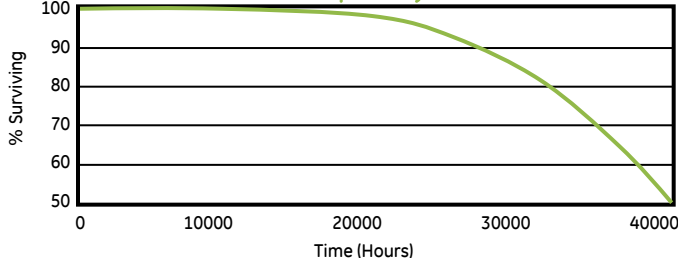
Fluorescent Lamp Spectra
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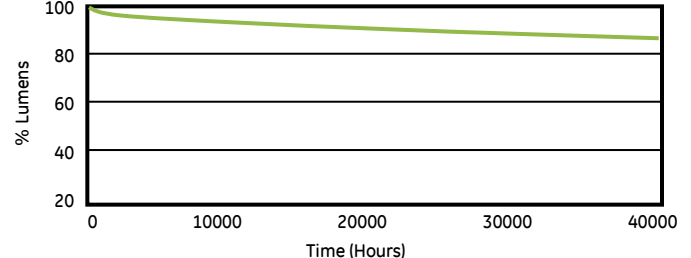
Fluorescent Lamp Spectra
F32T8 HL colors – SPX50 HL



Life Expectancy



Lumen Maintenance



*Operating hours on 3hr/start cycle on Programmed Start Ballast

System Information using F32T8 /XL/SPX41/HL/ECO

Ballast	Grainger Item Number	GE Ballast Product Code	Ballast Description	# of Lamps	Line Volts	System Watts	System Ballast Factor	Ballast Efficacy Factor	Min. Starting Temp (°F/°C)	System Initial Lumens	System Mean Lumens	Initial System LPW	Lamp Warranty with GE System	Ballast Warranty
UltraMax®	2VEW8	72266	GE232MAX-N/Ultra	2	277	53	.87	1.64	-22° / -30°	5,394	5,072	101	48 Months	5 Years
	5GVC4	78627	GE432MAX-N/Ultra	4	277	106	.87	0.81	-22° / -30°	10,788	10,144	101	48 Months	5 Years
UltraStart®	2DCX1	96714	GE232MVPS-N/Ultra	2	277	58	.89	1.53	0° / -18°	5,518	5,188	95	48 Months	5 Years
	2FPJ1	96716	GE432MVPS-N/Ultra	4	277	112	.89	0.79	0° / -18°	11,036	10,377	98	48 Months	5 Years

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

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.

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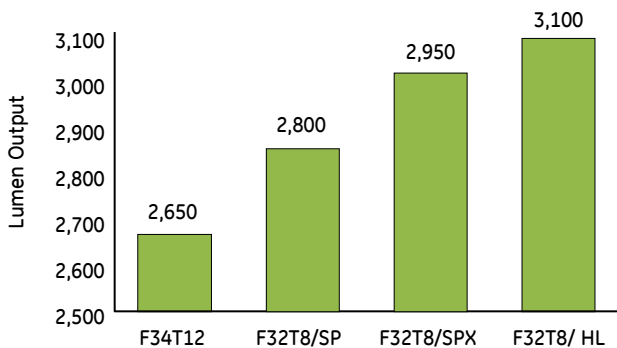
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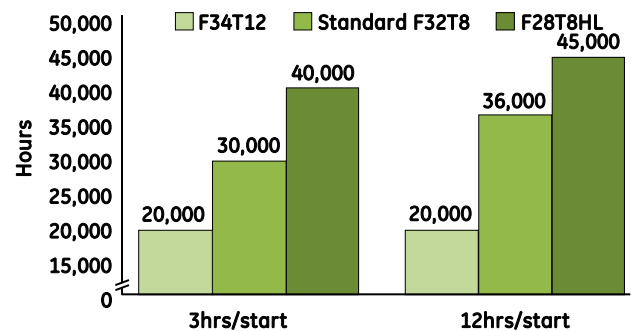
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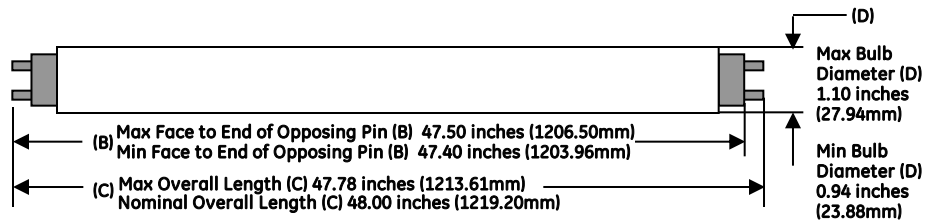
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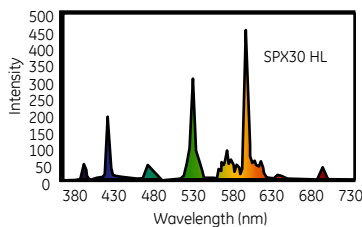


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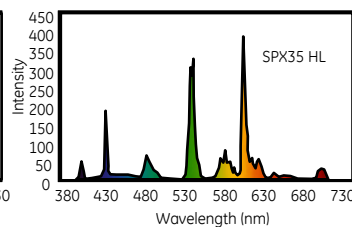
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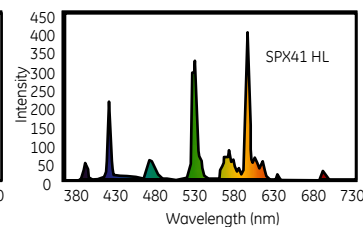
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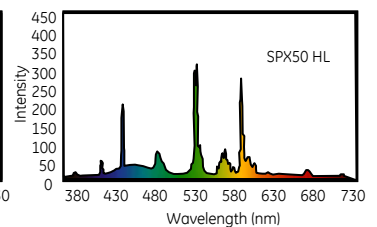
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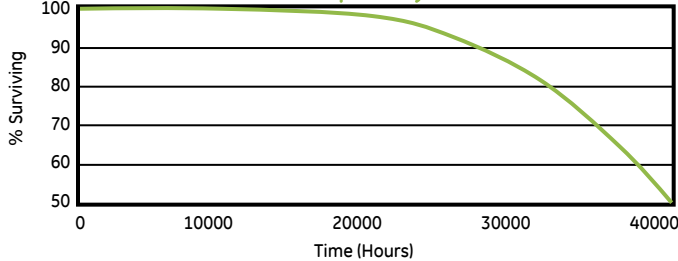
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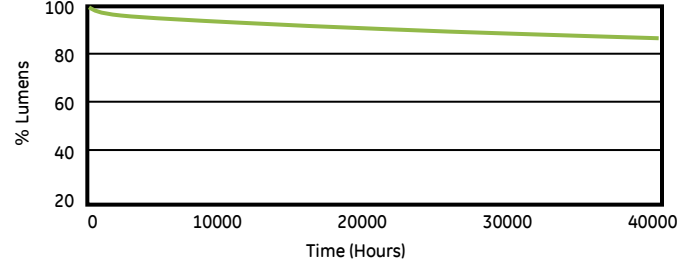
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