

GE  
Lighting

# 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\*\*



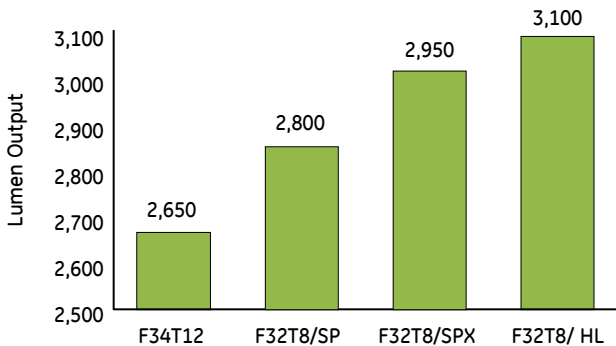
## DOE LPW Regulation:

Meets new minimum efficiency standard, effective July 14, 2012

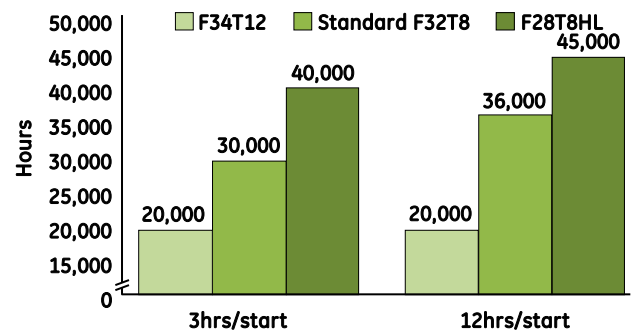
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## Initial Lumen Output



## 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.



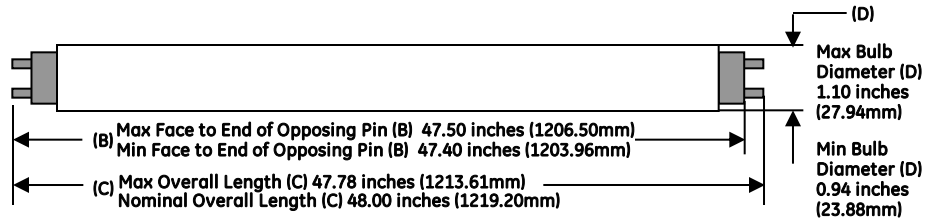
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# F32T8 High Lumen Lamp Specifications

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

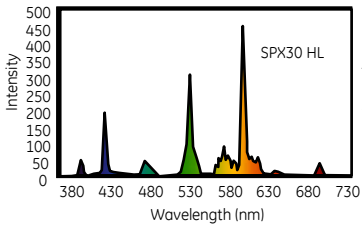


## Products

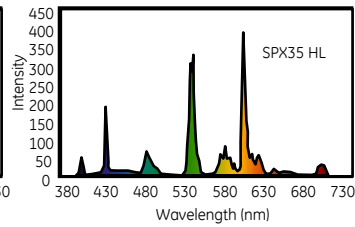
4' T8 Ecolux® High Lumen Product Code	Description	Case Qty.	Nominal Lamp Watts (W)	Initial Lumens	Mean Lumens	Initial Nominal Efficacy (Lumens/Watt)	Instant Start (IS)		Programmed Rapid Start (PRS)		Color Temp (K)	CRI	IS/PRS System Warranty (months)*
							Rated Life (3hr/Start)	Rated Life (12hr/Start)	Rated Life (3hr/Start)	Rated Life (12hr/Start)			
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
<b>With covRguard®</b>													
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.

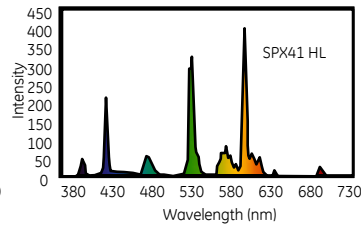
Fluorescent Lamp Spectra F32T8 HL colors – SPX30 HL



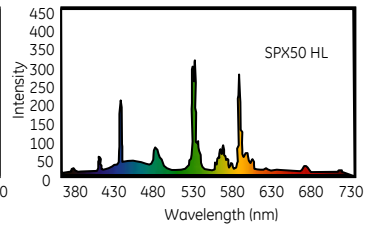
Fluorescent Lamp Spectra F32T8 HL colors – SPX35 HL



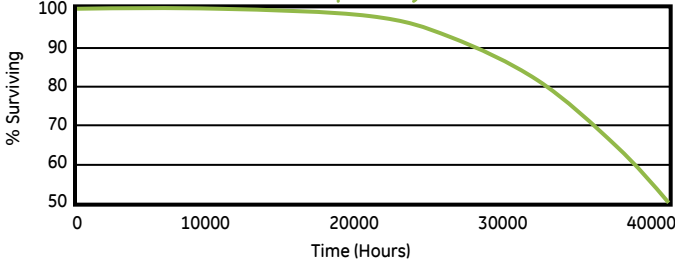
Fluorescent Lamp Spectra F32T8 HL colors – SPX41 HL



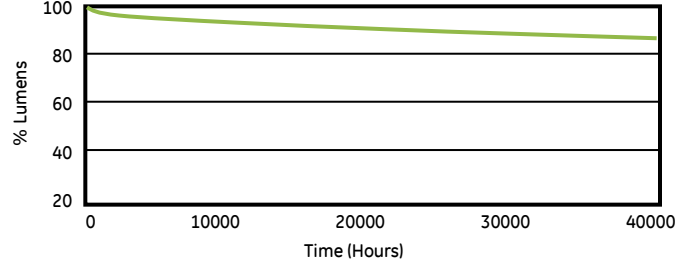
Fluorescent Lamp Spectra F32T8 HL colors – SPX50 HL



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](http://www.gelighting.com)

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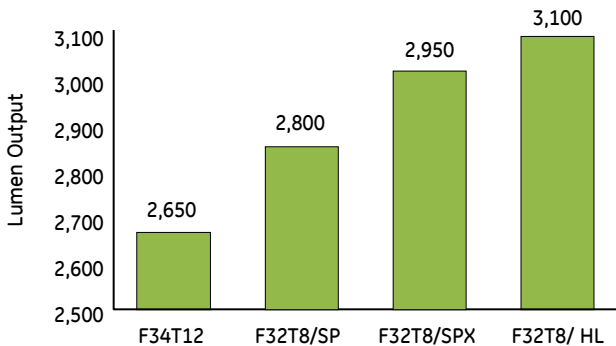
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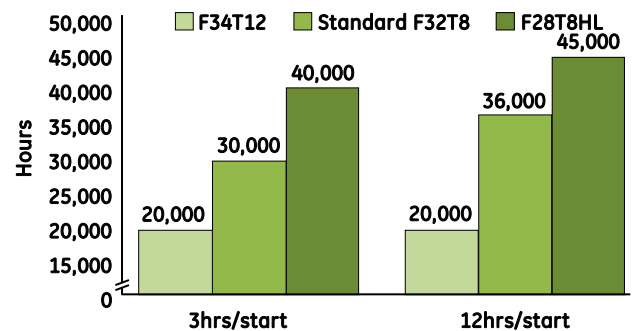
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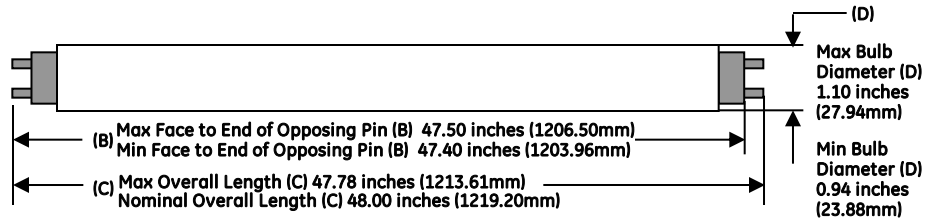
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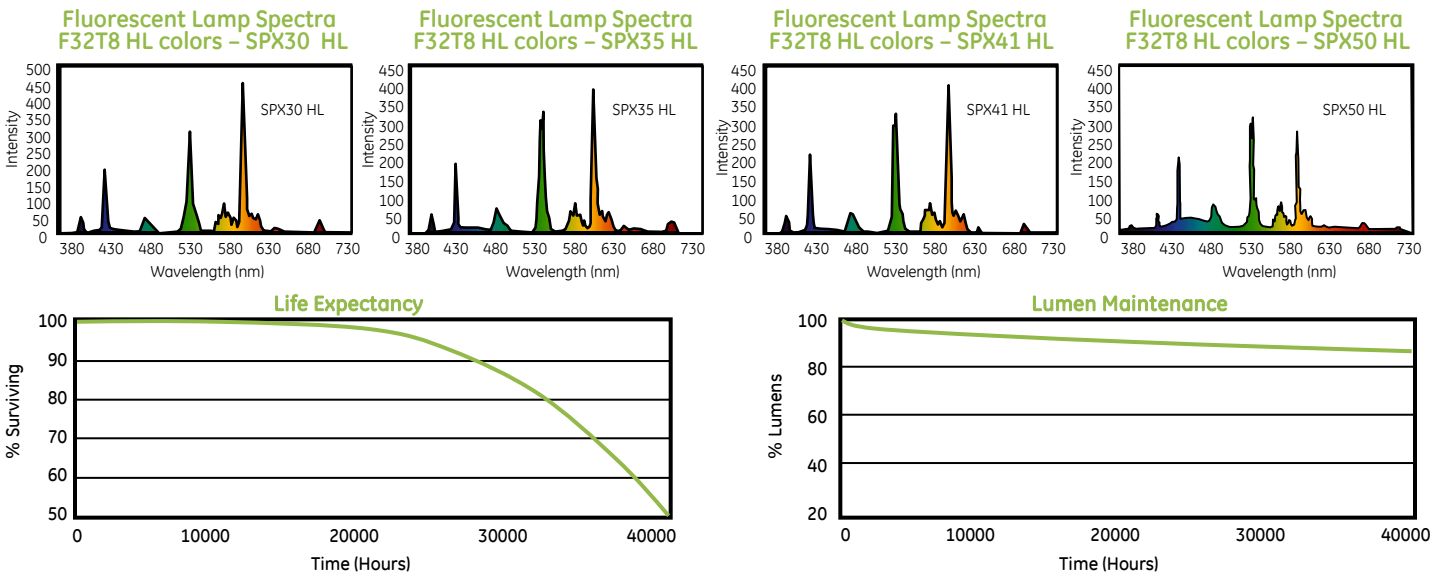
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