

4' T5 High Output Starcoat® Ecolux® Extra-Life F54T5 HO Lamps

Low Operating Cost*

- Retrofit existing single MVR 400 fixture with a 4 lamp T5 HO XL system using a GE UltraStart® ballast and save up to 53% in energy

Up to 67% longer life than standard F54 T5 HO*

- 50,000 hour life for 3hrs/start cycle
- 60,000 hour life for 12hrs/start cycle
- Extend group relamp cycles by 4 years compared to a standard T5 lamp
- Significantly reduce spot relamping costs

Reduced Mercury

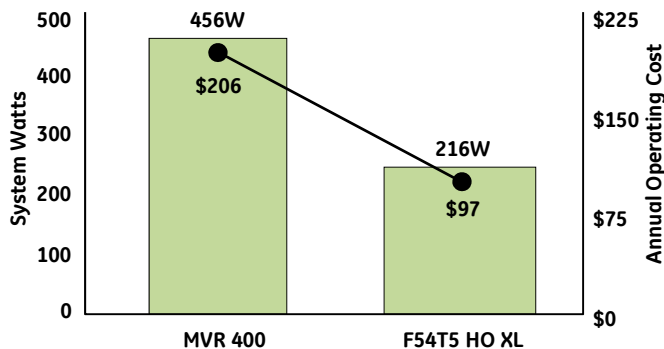
- Ecolux® low mercury products pass Federal TCLP tests

GE Express Lamp & Ballast Warranty Service Program**



Energy Savings*

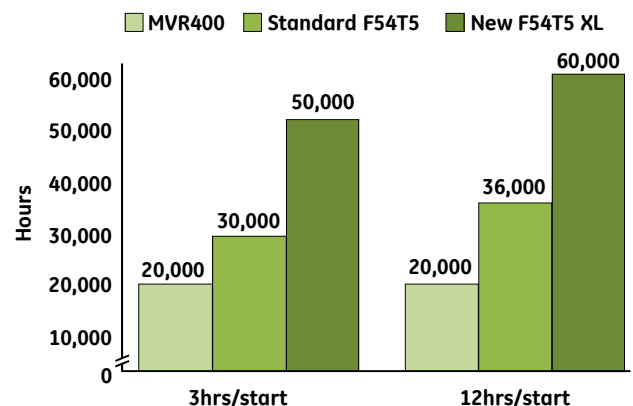
Save over \$108 a year or \$1,580 over the life of the lamp!



* 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.

Programmed Start Life Ratings



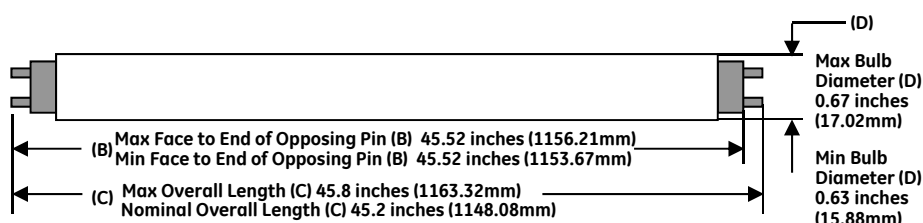
imagination at work



4' T5 High Output Starcoat® Ecolux® Specs

Lamp Characteristics – F54T5/XL/841/ECO - Product Code 68838

Nominal Lamp Watts (W)	54
Nominal Lamp Voltage (V)	117
Bulb Designation	T5
Bulb Material	Soda Lime
Base Type	Miniature Bi-Pin (G5)
TCLP Compliant	Yes
LEED – EB MR Credit	11 picograms Hg per mean lumen hour

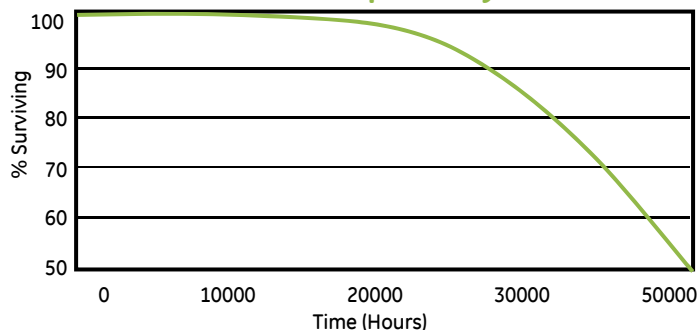


Products

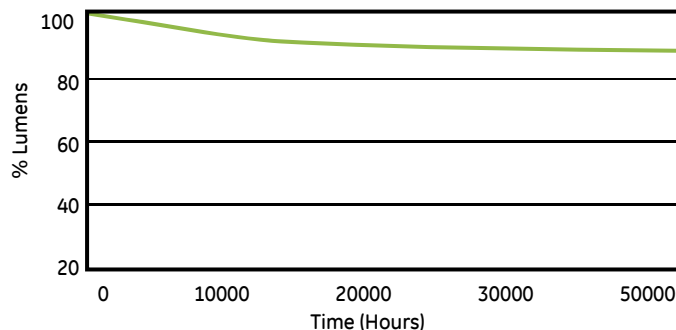
							Programmed Rapid Start (PRS)					
4' T5 High Output Product Code	Description	Case Qty.	Nominal Lamp Watts (W)	Initial Lumens	Mean Lumens	Initial Nominal Efficacy (Lumens/Watt)	Rated Life (3hr/Start)	Rated Life (12hr/Start)	Color Temp (K)	CRI	PRS System Warranty (months)*	
46759	F54W/T5/830/ECO	40	54	5,000	4,600	93	30,000	36,000	3000	85	48	
46760	F54W/T5/835/ECO	40	54	5,000	4,600	93	30,000	36,000	3500	85	48	
46761	F54W/T5/841/ECO	40	54	5,000	4,600	93	30,000	36,000	4100	85	48	
46762	F54W/T5/850/ECO	40	54	4,800	4,410	89	30,000	36,000	5000	85	48	
46763	F54W/T5/865/ECO	40	54	4,750	4,370	88	30,000	36,000	5000	85	48	
68836	F54T5/XL/830/ECO	40	54	5,000	4,600	93	50,000	60,000	3000	84	60	
68837	F54T5/XL/835/ECO	40	54	5,000	4,600	93	50,000	60,000	3500	84	60	
68838	F54T5/XL/841/ECO	40	54	5,000	4,600	93	50,000	60,000	4100	84	60	
68839	F54T5/XL/850/ECO	40	54	4,800	4,410	89	50,000	60,000	5000	84	60	
68840	F54T5/XL/865/ECO	40	54	4,750	4,370	88	50,000	60,000	6500	84	60	
With covRguard®												
48433	F54T5/830/ECO/CVG	40	54	4,850	4,560	90	30,000	36,000	3000	85	48	
48436	F54T5/835/ECO/CVG	40	54	4,850	4,560	90	30,000	36,000	3500	85	48	
48458	F54T5/841/ECO/CVG	40	54	4,850	4,560	90	30,000	36,000	4100	85	48	
80311	F54T5/850/ECO/CVG	40	54	4,650	4,370	86	30,000	36,000	5000	85	48	
48469	F54T5/865/ECO/CVG	40	54	4,650	4,320	86	30,000	36,000	6500	85	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.

Life Expectancy*



Lumen Maintenance*



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

System Information using F54T5/XL/841/ECO - Product Code 68838

Ballast	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
UltraStart®	73192	GE454MVP590-G	4	277	226	1.0	0.44	5° / -15°	20,000	18,400	92	60 Months	5 Years
	72279	GE254MVP5-D	2	277	117	1.0	0.85	-20° / -29°	10,000	9,200	87	60 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.