

T5 covRguard® High Output

New GE T5 HO covRguard® Fluorescent Lamps Offer Exceptional Performance and Versatility, Combined With Superior Shatter Protection – All From the Industry Leader

Food and Customer Security

GE's 10 mil thick FEP covRguard® shield offers outstanding shatter resistance that helps contain glass fragments and phosphors if a lamp is broken, protecting your food, your customers, and your business' reputation. All CVG lamps meet FDA, USDA, and OSHA guidelines as well as being NSF certified for use in food service areas.

T5 High Output:

Reduce energy cost by up to \$132.00 per fixture. A 4-lamp 54 watt T-5 system with covRguard® can replace a 250-watt HPS system for significant energy savings and even more light. Ideally suited for indirect luminaires and uplighting or as replacement for HID fixtures in warehouse or high bay applications.

Designed for T5 High Output:

Starcoat® T5 HO covRguard® lamps were designed to meet the rigorous demand of high temperature T5 HO operation. The exclusive GE covRguard® shield is designed not to crack, peel, or become brittle over the life of the T5 HO lamp and can withstand temperatures up to 300°F. You can rest assured that the T5 HO CVG lamps will keep your operation clean, bright and protected over it's rated life.

Environmental Considerations:

All-new GE covRguard® Ecolux® T5 lamps comply with U.S. EPA guidelines and meet all TCLP-compliance regulations. The GE covRguard® Shield is also easily removable for quick recycling. Check with your state for additional disposal guidelines.

Full Line of Lamps Available

GE's extensive line of CVG lamps includes a wide variety of quality lighting products including CVG T8 ECOLUX® as well as the just introduced T8 and T12 Mod-U-Line® family of CVG lamps.



Benefits of T5 in High Bay Applications:

- Energy Savings - up to \$132.00 Per Fixture
- Great Lumen Maintenance (95%)
- Superb Color Consistency and CRI (85)
- No Restrike or Warm-up Delays
- Use with Energy-Saving Controls Like Occupancy Sensors and Dimmers
- No End of Life Cycling
- Full Range of Color Temperatures
- Reduced Disposal Costs With TCLP-Compliant Ecolux®



covRguard® T5 High Output Lamp Specifications

Performance Data

Lamp Watts	CVG Product Code	Description	Bulb	Watts	Initial Lumens	Mean Lumens	CRI	Life	Color Temp	Case Quantity
24 Watt	71000	F24T5/830/HO/ECO/COVG	T5	24	1950	1853	85	30,000	3000K	40
	70998	F24T5/835/HO/ECO/COVG	T5	24	1950	1853	85	30,000	3500K	40
	70997	F24T5/841/HO/ECO/COVG	T5	24	1950	1853	85	30,000	4100K	40
	70999	F24T5/850/HO/ECO/COVG	T5	24	1850	1758	85	30,000	5000K	40
	70996	F24T5/865/HO/ECO/COVG	T5	24	1800	1710	85	30,000	6500K	40
39 Watt	70995	F39T5/830/HO/ECO/COVG	T5	39	3400	3230	85	30,000	3000K	40
	70994	F39T5/835/HO/ECO/COVG	T5	39	3400	3230	85	30,000	3500K	40
	70993	F39T5/841/HO/ECO/COVG	T5	39	3400	3230	85	30,000	4100K	40
	70991	F39T5/850/HO/ECO/COVG	T5	39	3250	3088	85	30,000	5000K	40
	70990	F39T5/865/HO/ECO/COVG	T5	39	3200	3040	85	30,000	6500K	40
54 Watt	48433	F54T5/830/HO/ECO/COVG	T5	54	4850	4560	85	30,000	3000K	40
	48436	F54T5/835/HO/ECO/COVG	T5	54	4850	4560	85	30,000	3500K	40
	48458	F54T5/841/HO/ECO/COVG	T5	54	4850	4560	85 <td 30,000	4100K	40	
	80311	F54T5/850/HO/ECO/COVG	T5	54	4650	4370	85	30,000	5000K	40
	48469	F54T5/865/HO/ECO/COVG	T5	54	4600	4320	85	30,000	6500K	40

Physical, Electrical and Photometric Characteristics

24 Watt

Base Type	G5 Min BiPin
24W Max Base Face to Base Face (A) In.	21.61
24W Max Face to End of Opposing Pin (B) In.	21.89
24W Min Face to End of Opposing Pin (B) In.	21.79
24W Max Pin to Pin (C) Inches	22.21
Max Bulb Diameter (D)	0.669
Nominal Lamp Watts	24
Nominal Lamp Volts	75
Nominal Lamp Operating Current (mA)	.300
Nominal Lamp Operating Frequency (kHz)	>20
Minimum Starting Temperature (deg C)	-20
Dimmable	Yes
Rated Life (hrs) 3 hr Cycle - RS Ballast	30,000
TCLP Compliant	Yes

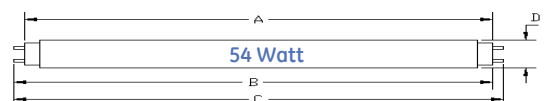
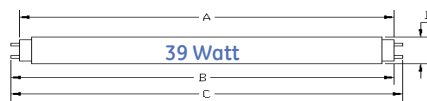
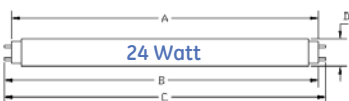
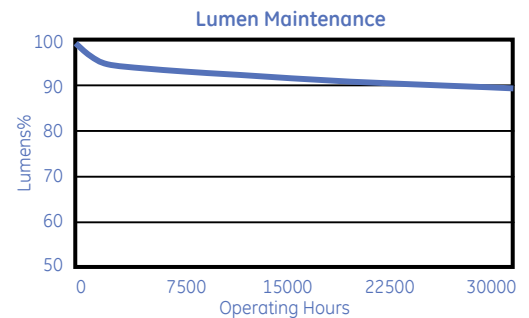
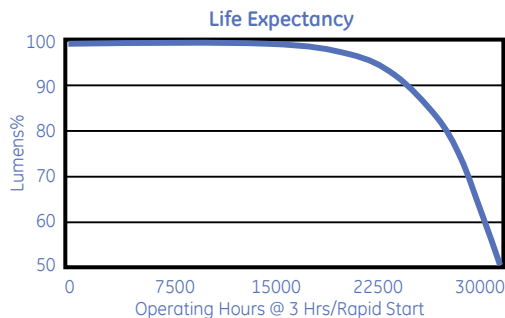
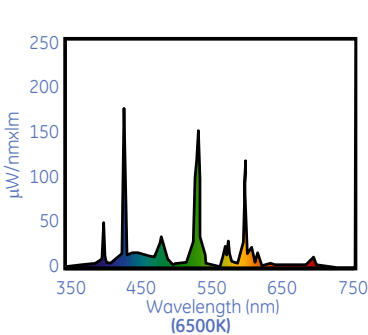
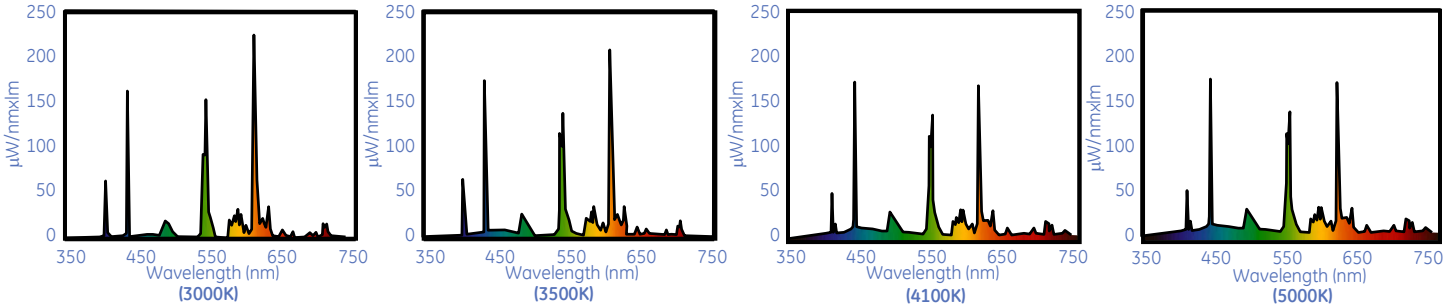
39 Watt

Base Type	G5 Min BiPin
39W Max Base Face to Base Face (A) In.	33.42
39W Max Face to End of Opposing Pin (B) In.	33.70
39W Min Face to End of Opposing Pin (B) In.	33.61
39W Max Pin to Pin (C) Inches	33.90
Max Bulb Diameter (D)	0.669
Nominal Lamp Watts	39
Nominal Lamp Volts	112
Nominal Lamp Operating Current (mA)	.340
Nominal Lamp Operating Frequency (kHz)	>20
Minimum Starting Temperature (deg C)	-20
Dimmable	Yes
Rated Life (hrs) 3 hr Cycle - RS Ballast	30,000
TCLP Compliant	Yes

54 Watt

Base Type	G5 Min BiPin
54W Max Base Face to Base Face (A) In.	45.24
54W Max Face to End of Opposing Pin (B) In.	45.52
54W Min Face to End of Opposing Pin (B) In.	45.42
54W Max Pin to Pin (C) Inches	45.80
Max Bulb Diameter (D)	0.669
Nominal Lamp Watts	54
Nominal Lamp Volts	117
Nominal Lamp Operating Current (mA)	.460
Nominal Lamp Operating Frequency (kHz)	>20
Minimum Starting Temperature (deg C)	-20
Dimmable	Yes
Rated Life (hrs) 3 hr Cycle - RS Ballast	30,000
TCLP Compliant	Yes

Spectral Power Distribution



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