

# GE UV Lamps

## UVC Germicidal, UVA Blacklight, Blacklight Blue, and UVA Superblue

GE's UV lamps offer exceptional performance and versatility combined with Six Sigma quality—all from the industry leader.

### Lamp Quality

GE provides the very best in product innovation, reliability, and quality. As one of the largest lamp manufacturers in the world, we offer customers our extensive knowledge and a comprehensive portfolio of UV lamps.

### Highly Skilled Sales Support

Where it's in-depth application know-how or technical expertise, our seasoned sales professionals have the necessary skills to assist you in every step of the product selection process.

### Dependable Distribution

By applying innovative technology in forecasting, manufacturing, and logistical applications as well as drawing upon customer input, GE Lighting has perfected a process resulting in fast, reliable, and accurate deliveries.



imagination at work



### Applications

- Sterilization
- Insect Traps
- Clubs/Promotions
- Diazo copy machines
- Marine/Aquarium
- Film Making



# GE UV Lamps

## UVC Germicidal

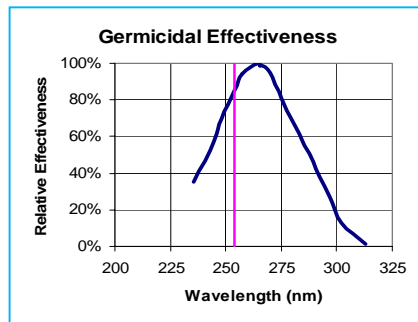
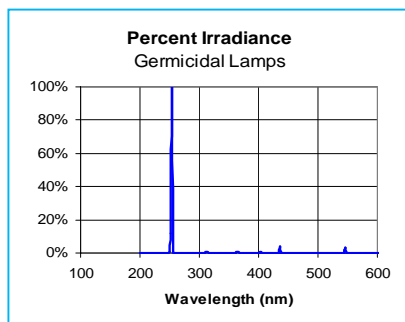
Water, air, and surface sterilization.



As our society demands a cleaner environment to live and work in, GE provides a safer and more efficient sterilization technique. UVC Germicidal Lamps' special glass transmits a spectral band of UV light effective for sterilization. The UVC wavelength of 254 nm is proven to destroy air-borne bacteria, viruses, and mold spores by preventing DNA replication, effective even if the organism has become immune to other disinfection methods.

### Applications

- Healthcare
- HVAC Systems in Commercial Buildings
- Food Processing
- Scientific Labs
- Industrial, Municipal, and Residential Water and Pond Treatment
- Biotech Industry



Product Code	Description	Watt	Length (In)	Length (mm)	Bulb	Base	UV Output (Watts)	Irradiance	Rated Life (Hrs)	Pack Qty.
15872	G4T5	4	5.91	150.10	T5	Miniature BiPin (G5)	0.9	8.3	6000	24
15873	G6T5	6	8.91	226.30	T5	Miniature BiPin (G5)	1.7	17.7	6000	24
11077	G8T5	8	11.91	302.50	T5	Miniature BiPin (G5)	2.3	24.0	7500	24
29495	G11T5	11	8.91	226.30	T5		2.2	22.9	8000	24
16495	G16T5	16	11.91	302.50	T5	R17d	3.2	33.0	8000	24
15874	G36T5	36	34.07	865.50	T5	Single Pin (Fa8)	12.0	109.5	9000	24
15864	G64T5	64	62.00	1,574.80	T5	Single Pin (Fa8)	18.0	185.0	7500	24
46630	GPH793T5L/4P	37	31.34	796.00	T5		12.8	131.0	9000	12
29498	G10T8	10	13.61	345.70	T8		2.7	27.6	6000	24
11078	G15T8	15	17.78	451.60	T8	Medium BiPin (G13)	4.8	49.0	8000	24
11082	G25T8	25	17.78	451.60	T8	Medium BiPin (G13)	6.9	70.0	8000	24
11080	G30T8	30	35.78	908.80	T8	Medium BiPin (G13)	12.4	125.0	8000	24
29499	G36T8	36	47.78	1,213.60	T8		14.6	145.0	8000	24
15875	G55T8HO	55	35.78	908.80	T8	Medium BiPin (G13)	18.0	194.0	8000	24
15876	G20T10	20	23.78	604.00	T10		7.5	75.8	8000	24
29532	G40T10	40	47.78	1,213.60	T10		19.8	200.0	8000	24
<b>Biax™ Germicidal</b>										
40695	GBX5/UVC G23	5	3.35	85.00			1.0	9.0	8000	100
40696	GBX9/UVC G23	9	5.71	145.00			2.4	22.0	8000	100
40700	GBX11/UVC G23	11	8.46	215.00			3.6	33.0	8000	100
40703	GBX13/UVC GX23	13	6.69	170.00			3.6	31.0	8000	100
40704	GBX18/UVC/2G11	18	8.80	225.00			5.3	51.0	8000	40
40705	GBX36/UVC/2G11	36	16.33	415.00			12.0	110.0	8000	40
40706	GBX55/UVC/2G11	55	21.10	535.00			16.5	156.0	8000	25



imagination at work



# GE UV Lamps

## Blacklight & Blacklight Blue



Blacklight lamps consist of a regular fluorescent tube with a special phosphor coating to emit in the UVA range. These phosphors contain rare earth components that enable the lamp to last over a complete insect season.

Blacklight Blue lamps are made of cobalt blue glass which absorbs most visible light.

For specific UV maintenance please reference specific product data sheets.

### Applications

Specials effects in Clubs & Promotions

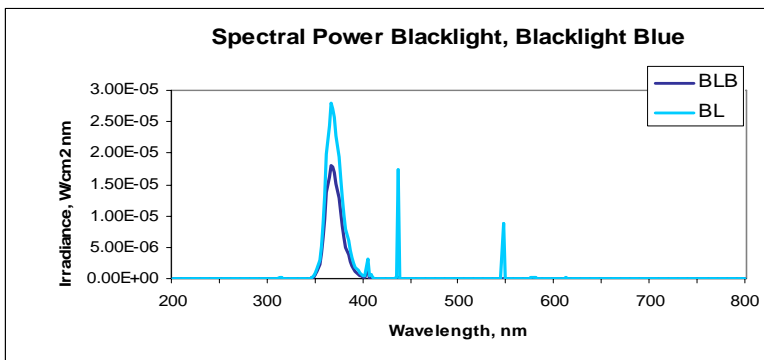
Insect Traps

Inspection and authentication

Food Processing Plants

Supermarkets/Butchers/Bakeries

Restaurants



Product Code	Description	Watts	Volts	Bulb	Base	Length (In)	Life (Hrs)	Irradiance (mW/cm <sup>2</sup> @2cm)	Pack Qty.	Additional Info
10019	F4T5/BLB	4		T5	G5	6	5000		24	Integral Dark Blue Filter
10077	F8T5/BLB	8		T5	G5	12	5000		24	Integral Dark Blue Filter
35884	F15T8/BL	15	55	T8	G13	18	7500	510	24	
35885	F15T8/BLB	15		T8	G13	18	7500		24	Integral Dark Blue Filter
10244	F20T12/BL	20	57	T12	G13	24	9000	510	24	
34747	F20T12/BLB	20		T12	G13	24	9000		24	Integral Dark Blue Filter
10526	F40T12/BL	40	101	T12	G13	48	20000	575	24	
10531	F40T12/BLB	40		T12	G13	48	20000		24	Integral Dark Blue Filter
40537	F40/BL/U/3	40	103	T12	G13	48	14000	575	12	
25665	FCT9/BLB	22		T9	G10q	8.25	12000		6	Integral Dark Blue Filter
<b>Biax™ Electronic 2Pin Internal Starter</b>						(mm)				
42935	F9BX BL G23	9	60			145	5000	440	10	
42936	F11BX BL G23	11	91			215	5000	670	10	
42937	F13BX BL G23	13	59			170	5000	630	10	
<b>Biax™ D 2Pin Internal Starter</b>										
42938	F26DBX BL 2G11	26	105			160	5000	630	10	
<b>Biax™ L 4 Pin External Starter Required</b>										
42939	F24BX BL 2G11	24	75			320	5000	980	10	
42940	F36BX BL 2G11	36	90			415	5000	1280	10	
42941	F55BX BL 2G11	55	101			535	5000	1630	10	

# GE UV Lamps

## Superblue

GE's Superblue lamps emit 380 – 480 nm with Peak Emission of 417 nm.

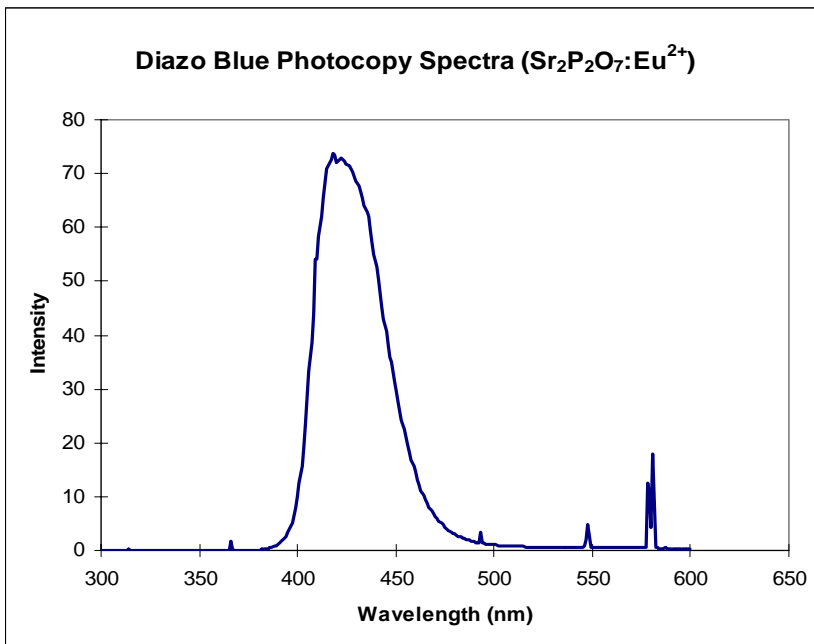
Only a portion of the electromagnetic spectrum is capable of initiating a chemical reaction and affecting a photographic emulsion.

Superblue lamps' power distribution coincides with the sensitivity of many diazo copy machines.



### Applications

- Blue screen technology in film making
- Marine/aquarium lighting
- Diazo copy machines



Product Code	Description	Watts	Length (In)	Bulb	Base	Rated Life (Hrs)	Pack Qty.	Additional Info
40092	F54"T12/SPB 120	120	54.2	T12	G13	2000	24	Diazo Reprographic
26390	F54"T17/SPB 180	180	54.2	T17	G20	2000	12	Diazo Reprographic
39683	F59"T12/SPB 125	125	59.1	T12	G13	2000	24	Diazo Reprographic

For additional product and application information, please consult GE's Website:  
[www.gelighting.com](http://www.gelighting.com)

GE Lighting is constantly developing and improving its products. For this reason, all product descriptions in this brochure are intended as a general guide, and we may change specifications time to time in the interest of product development, without prior notification or public announcement. All descriptions in this publication present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, GE Lighting cannot accept any liability arising from the reliance on such data to the extent permitted by law.

UVA Marketing – June 2006

© General Electric Company (USA) 2004

 and General Electric are both registered trademarks of the General Electric Company, USA