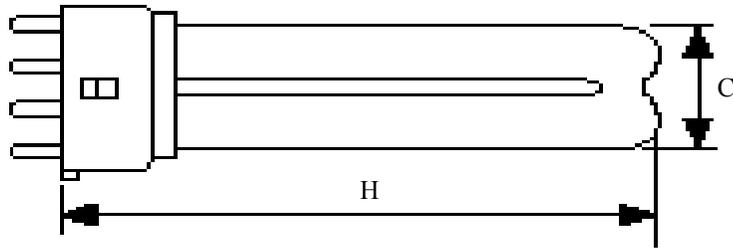




# GE Germicidal Lamps

## GBX55/UVC/2G11



### Benefits

- UV output at 254 nm; emits no ozone
- Uses single-end G2-11
- Effective in killing most microorganisms
- 8000 hours Useful Life

Product Description		GBX55/UVC/2G11	
Product Code		15885	
Case Quantity		25	
<b>Physical Characteristics</b>			
Bulb Designation		T6	
Bulb Material		Soft Glass	
Base -- non-integral single ended 4 pin ceramic base			
<b>Dimensions</b>		<b>Min</b>	<b>Max</b>
Base Dimensions		2G11	
Base face to top of lamp diemnsion--H	in. (mm)	--	21.1(535)
width of lamp dimension C	in. (mm)	--	1.73(44)
depth of lamp dimension G	in. (mm)	--	0.9(24)
<b>Electrical Characteristics</b>			
Nominal Lamp Power at 25° C, 100 hrs	Watts	55	
Nominal Lamp Volts at 25° C, 100 hrs	V rms	101	
Nominal Lamp Current at 25° C, 100 hrs	A rms	0.550	
<b>UV Characteristics</b>			
Peak Emission Wavelength	nm	253.7	
Irradiance <sup>†</sup> @ 1m, 254 nm, 100 hrs	μW/cm <sup>2</sup>	240	
UV Output @ 254 nm, 100 hrs	Watts	16.5	
Useful Life (80% initial output)	Hours	8,000	
<b>Warning</b>			
<b>Lamp emits UV radiation which may cause eye/skin injury. RG-3</b>			
- Avoid exposure of eyes and skin to unshielded lamp			
<b>Risk of electric shock</b>			
- Turn power off before inspection, installation or removal			
<b>Applicable Regulations</b>			
DoE regulated (yes/no)	no		
<b>Applicable Standards</b>			
ANSI/IESNA	RP-27.4-96		

All values are design values or typical values when measured under laboratory conditions. Information provided is subject to change without notice. Germicidal efficacy is dependant upon use of proper engineering design guidelines & UV dosage.

Where applicable, values are based on guidelines published in ANSI.

\* Values shown are based on preliminary engineering estimates

Turn power off and let lamp cool before removal to avoid potential burn and electrical shock hazard during lamp replacement.

† measured perpendicular to the bi-ax plane

SPECIALTY

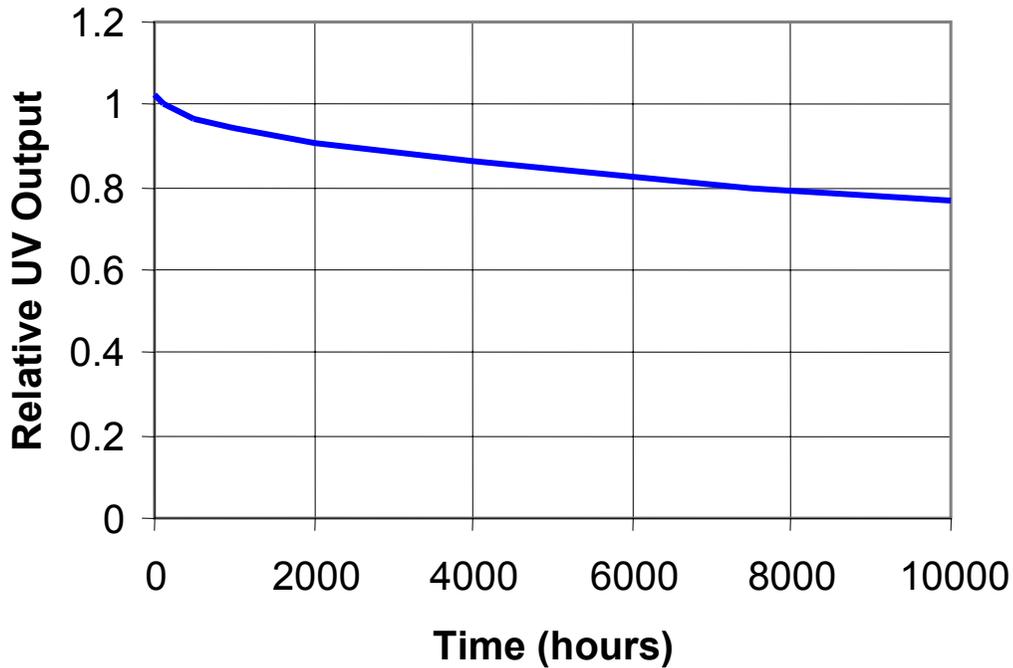




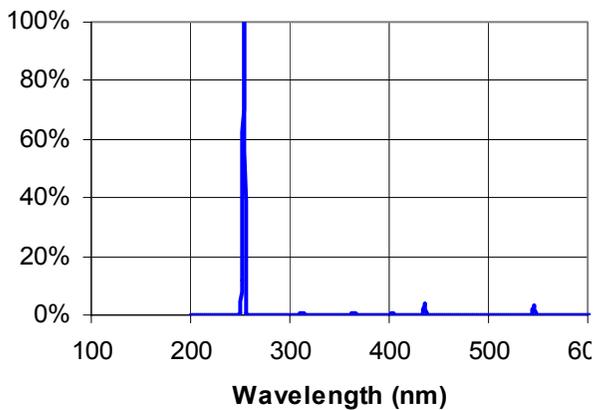
# GE Germicidal Lamps

## Germicidal Biax Lamps

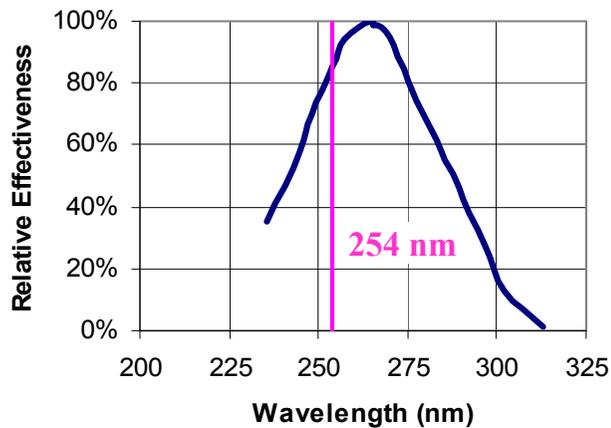
### Relative UV Maintenance



### Percent Irradiance Germicidal Lamps



### Germicidal Effectiveness



All values are design values or typical values when measured under laboratory conditions. Information provided is subject to change without notice. Germicidal efficacy is dependant upon use of proper engineering design guidelines & UV dosage.

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\* Values shown are based on preliminary engineering estimates

Turn power off and let lamp cool before removal to avoid potential burn and electrical shock hazard during lamp replacement.

**SPECIALTY**

