

GE Consumer & Industrial Specialty Lighting



These compact, rugged and high brightness xenon lamps offer medical equipment OEMs & healthcare facilities a superior quality choice. Ceramic xenon lamps produce focused, white light that makes them an ideal choice for fiber optic illumination applications. GE lamps are warranted for 500 hrs life, provide excellent colour rendition and maintain a stable light output.



Light Engine™ Ceramic Xenon Lamps

GE imagination at work



Light Engine™ Ceramic Xenon Lamps

Product Description	CXE300/BF
Product Code	10115
Case Quantity	4

Physical Characteristics

Lamp Weight	grams	132
-------------	-------	-----

Dimensions

	Nominal
Length	42.34 mm / 1.667 in.
Diameter	32.96 mm / 1.298 in.
Window Diameter	25.4 mm / 1.00 in.
Arc Gap	1.35 mm / 0.053 in.

Electrical Characteristics

Nominal Lamp Power at 25° C, 100 hrs	Watts	300
Power Range		(180–340)
Nominal Lamp Volts at 25° C, 100 hrs	V rms	14
Voltage Range		(13–16)
Nominal Lamp Current (DC) at 25° C, 100 hrs	A rms	21
Current Range		(10–22)
Ignition Voltage	kV	23
Lamp Temperature (Max)	Deg C	150

Photometric Characteristics

Visible Output	Lumens	5,000
Peak Intensity	Candelas	500,000
Radiant Output	Watts	50
UV (<390nm) Output	Watts	2.6
Colour Temperature	Kelvin	5600
Peak Instability		4%
Beam Half Angle	°	5
Focused Output @ 6mm Aperature	Lumens	3130
Focused Output @ 3mm Aperature	Lumens	1410
Reflector Geometry	Parabolic	
Life	Hours	1,000

⚠ WARNING

Risk of electric shock

- Turn power off before inspection, installation or removal
- Do not open - no user serviceable parts inside

Risk of fire

- Keep combustible materials away from lamp
- Use in fixture rated for this product

Lamp emits UV radiation which may cause eye/skin injury. RG-3

- Avoid exposure of eyes and skin to unshielded lamp

R Warning: This lamp can cause serious skin burn and eye inflammation from short-wave ultraviolet radiation. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain types of lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available from the General Electric Company. 21 CFR 1040.30 Pressurised lamp - unexpected rupture may cause injury, fire, or property damage

- Do not touch glass with bare hands
- Avoid contact with glass during operation
- Avoid direct water/liquid contact
- Use in enclosed fixture rated for this product
- Do not use lamp if outer glass is scratched or broken
- Use only properly rated ballast
- Operate lamp only in specified position
- Do not use beyond rated life
- Do not turn on lamp until fully installed

⚠ CAUTION

Risk of burn

- Allow lamp to cool before handling
- Do not turn on lamp until fully installed
- Turn power off before installing lamp

Lamp may shatter and cause injury if broken

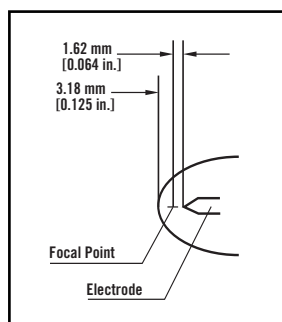
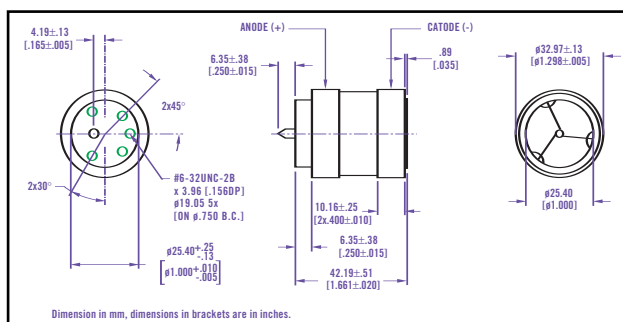
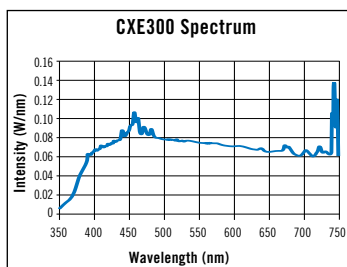
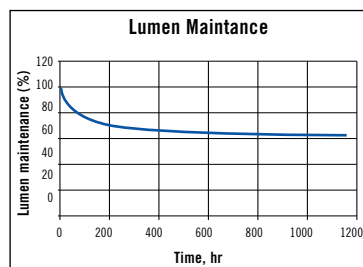
- Wear safety glasses and gloves when handling lamp
- Do not use lamp if outer glass is scratched or broken
- Dispose of lamp in a closed container

APPLICATION NOTICES

Lamp must not be operated with window facing upwards within 45° of vertical.

Seal temperature must not exceed 150°C.

Lamp must be operated within recommended current and power range. Over powering may lead to arc instability, hard starting and premature aging.



Manufactured by Lighting Technologies International in collaboration with GE Consumer & Industrial. For complete information regarding GE's medical & scientific lamps please visit the GE website at www.GELighting.com