Made in USA

Sealed IR Quartz Lamps

Design Features

- *Fast Filament Response*
- *High Power Densities possible — up to 200 watts per inch per filament*
- *Different filament temperatures available to suit different materials*
- *Optional white or gold reflective layer on lamps redirects heat towards target material*
- *Single or twin-tube construction*
- *Contour bending available*

Filament Temperature Ratings

Filament Type	Near Infrared (NIR)	Short Wave (SW)	Fast Response Medium Wave (FRMW) High Temperature	Fast Response Medium Wave (FRMW) Low Temperature
Filament Response	1 second	1 second	1-2 seconds	1-2 seconds
Filament Temperature	2900K/4800°F	2500K/4000°F	1900K/2900°F	1500K/2200°F
Approximate Peak Wavelength	1.0μm	1.2μm	1.6μm	2.0μm
Maximum watts/inch per Filament	200	200	100	100
Average Lifetime (Hours)	2000	5000	5000	5000

SPECIFICATIONS

Max. Temperature: 350°C — End Seal
900°C — Quartz Tube and optional White Ceramic Reflective Layer
800°C — Optional Gold Reflective Layer

Max. Voltage: 600 Volts depending on design

LAMP GLASS TYPES

Clear: Standard

Ruby: Reduces Glare

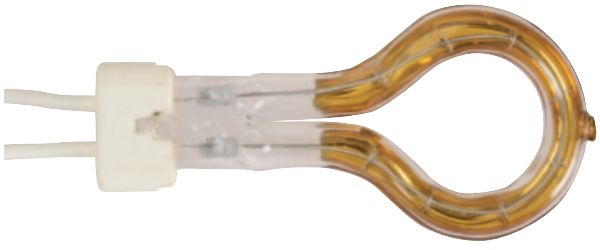
Translucent: Reduces Glare

Frosted: Reduces Glare

Gold Reflector: Redirects heat toward target for increased efficiency.

White Reflector: Redirects heat toward target for increased efficiency similar to gold, but will not degrade over time at high temperatures.

Custom Designs



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