



INFRARED LAMPS

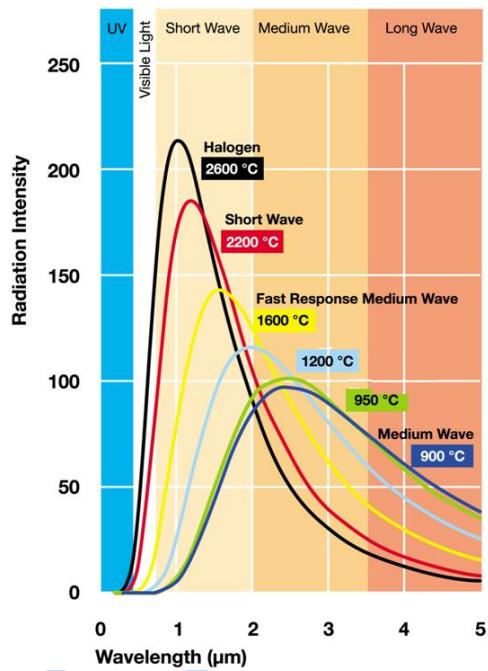
"LIGHTEN UP YOUR BUSINESS WITH CLS IR LAMPS"

SHORT WAVE

It refers to nonvisible light falling roughly between 1400 and 3000 nanometers (nm) in wavelength. Visible light, on the other hand, typically corresponds to the 400 to 700 nm range.

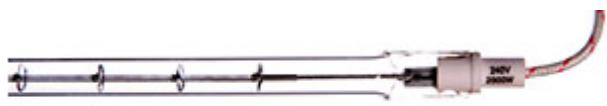
suitable for particularly demanding applications such as Vacuum technology and clean room conditions.

Infrared heat is mainly economical on energy compared to other heat sources because it acts rapidly, directly on products. Short Wave IR emitters are suitable for all applications in which the achievement of high temperatures in the shortest possible time.





STANDARD INFRARED LAMPS



Small Round Cap



Big Round Cap



Double Round Cap



Metal Rod Type Holder



Metal Cap Bare Nickel Lead Wires



Rectangular Ceramic Cap



Infrared Lamps with Coating (Reflectors)

- Our specially coated IR Lamps gold or ceramic as reflectors. The gold/ceramic coating can focus the heat, increasing the efficiency of the heat output. The Lamp with coating is highly cost-effective, convert virtually all the consumed electrical power into heat.
- We also provide customized coated lamps i.e. based on end application requirement 180° (half-tube) coating or split coating.
- Both white and gold coatings are used to get maximum output of infrared radiation. Especially Gold coatings proved to be more efficient compared to any other coating reflector.

White Coating:-



White Coated Small Round Ceramic Cap



White Coated Rectangular Ceramic Cap



White Coated Metal Clip Type Holder



Gold Coating:-



Gold Coated Small Round Ceramic Cap



Gold Coated Rectangular Ceramic Cap



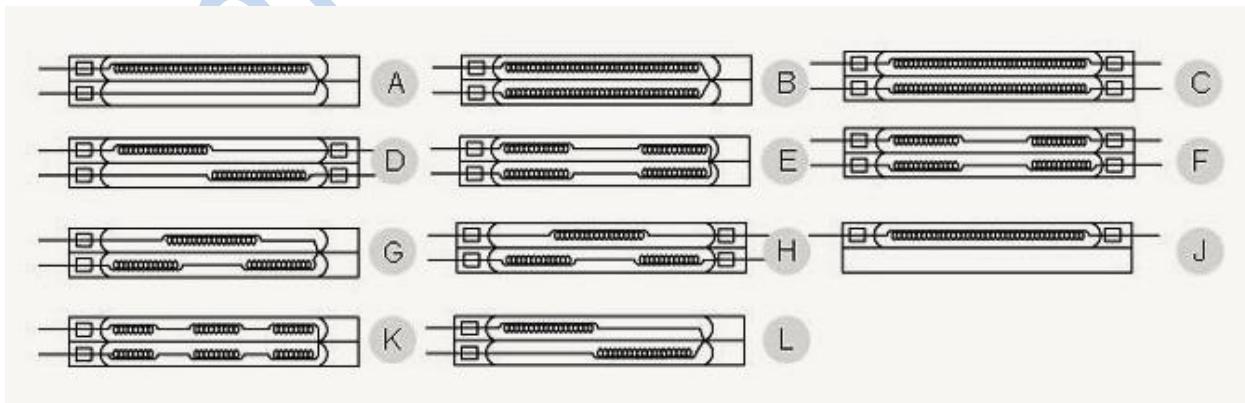
90 Degree split Gold Coated Rectangular Ceramic Cap



TWIN TUBE SHORT WAVE INFRARED HEATERS



- Heating up and cooling down time is approximately one second
- These heaters are available with gold reflector and without reflector
- Reflector is in the form of gold coating on outer rear side of the tube
- Due Gold coating maximum Radiation gets utilized and thus power saving is achieved
- IR wavelength between 1 to 2μ
- Gold or ceramic coating at rear side as reflectors
- Vertical and horizontal emitters are available





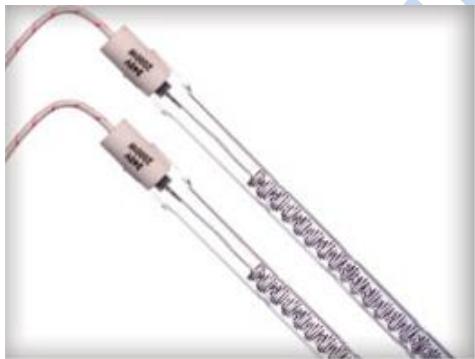
RUBY RED COLOR INFRARED HEATERS



It emits warm red light and could be widely used in outdoor or indoor heating device. Ruby lamp delivers the heat to product fast and directly without heating the surroundings air due to the nature of radiation.

It has no dust or pollution during operation. Thus, it is not only energy - efficiency system but also clean and environmental friendly heating solutions.

STAR FILAMENTS SHORT WAVE INFRARED HEATERS



Features:

- Specially designed start filament can effectively reduce the color temperature of lamps so that the lamps can emit infrared with longer wavelength.
- Star filament lamps are ideal substitute for the carbon lamps.
- The average working life is around 7000 hours.
- Star filament lamps can be used on both single tube and twin tube infrared emitters.

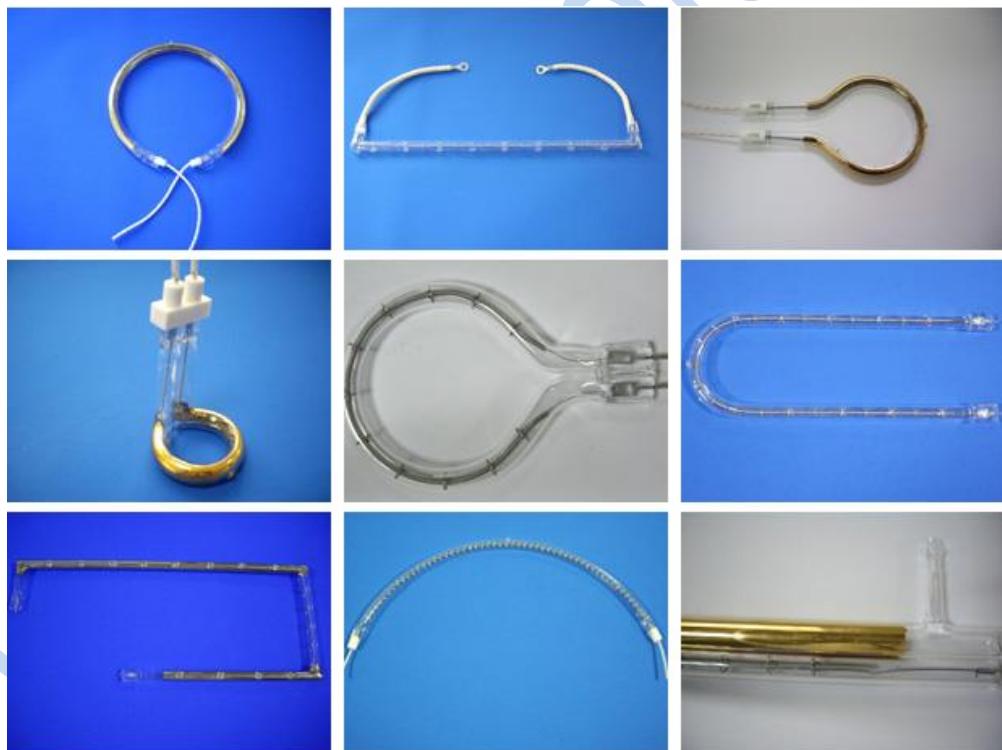


SPECIAL SHORT WAVE INFRARED HEATERS

Features

In addition to the standard emitters, we also design and manufacture emitters in all kinds of shapes.

- Water cooling emitters
- Omega-type emitters
- Bended tube-type emitters
- Spiral-type emitters
- Any other kind of emitters
- U-type emitters
- Round-type emitters
- C-type emitters
- L-type emitters





Contact us.....

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