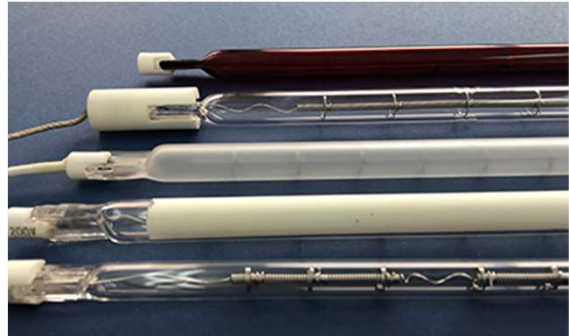
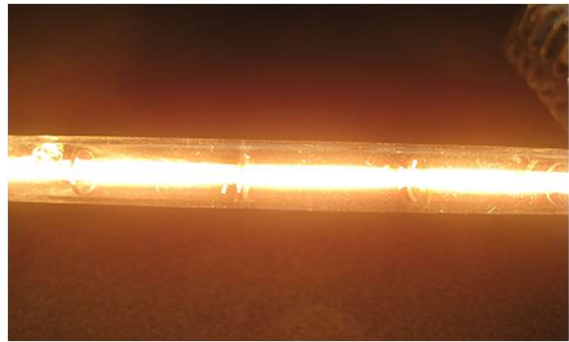


INFRARED QUARTZ LAMP HEATER



We supply made in Japan QUARTZ LAMP HEATER which is all customized model based on your request by request. QUARTZ LAMP HEATER is very high efficient heater using Tungsten as heater element contained in quartz glass bulb.

FEATURE

- Very high efficient heat source, saving thermal loss against input electricity.
- Quick response of rise time/ fall time: 1-2second of response performance.
- Downsizing is possible by arising power density.
- Radiation peak is at around 1 μ m: Suitable to heat metal objection.
- Customized arrangement of bending tube or circled shape is available on request.

APPLICATION

Dryer of print ink, Glass forming, Paint dryer, Pre-heating of mold, Melting snow, Heating/ Drying furnace, Food processing and keeping warm, Liquid heating, Rapid heating and surface treatment of metal/wafer, etc.

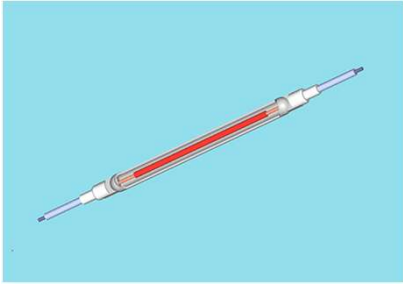
STANDAERD SPECIFICATION

HEAT ELEMENT	Tungsten	RESPONSIVITY	1 - 2 second
GCT	2450K	WAVELENGTH	Peak at 1 μ m (Near Infrared)
LIFETIME	5000hours	LOWEST TEMP.	250 $^{\circ}$ C
FILLER GAS	Halogen gas	RUSH CURRENT	Control is required
POWER DENCITY	Arrangement available by adjusting filament pitch	DIRECTIVITY	Condensing/Diffuse is possible with use of Millor/Lens

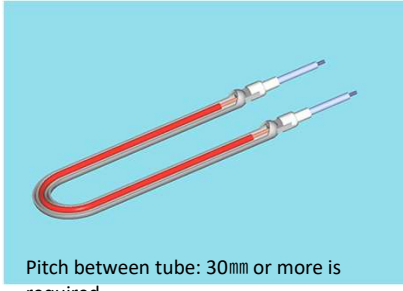
BULB SHAPE(EXAMPLE)

Please advise your request bulb shape. Depending on the shape, allowable spec. and restrictions are determined.

STRAIGHT

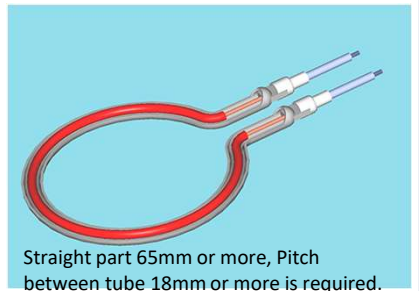


U-shape



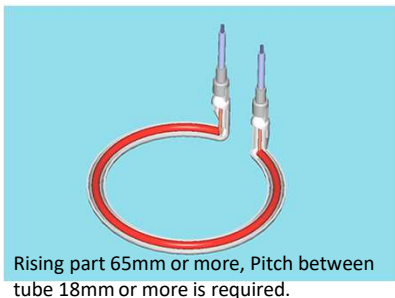
Pitch between tube: 30mm or more is required.

C-shape



Straight part 65mm or more, Pitch between tube 18mm or more is required.

CL shape



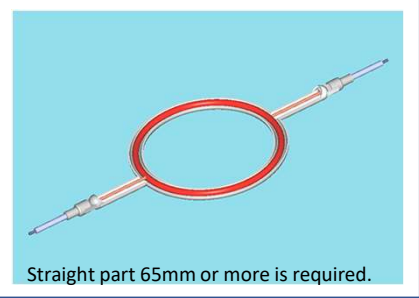
Rising part 65mm or more, Pitch between tube 18mm or more is required.

Half circle w/L shape



Rising part 65mm or more is required.

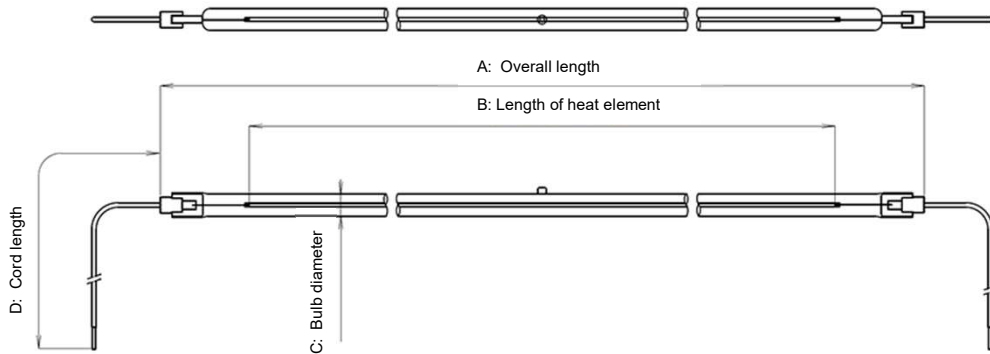
Seamless circle



Straight part 65mm or more is required.

SPECIFICATION

Lamps are all custom-made. Please advise below information to us for your inquiry.



- | | |
|----------------------------------|---|
| (1) Application and circumstance | (6) Length of heat element (size-B) |
| (2) Bulb shape | (7) Bulb diameter (size-C) ※φ8、10、12.5 is standard size |
| (3) Input voltage (V) | (8) Cord length (size-D) and specification |
| (4) Power consumption (W) | (9) CCT (K) ※pls. advise if any of instruction. |
| (5) Overall length (size-A) | (10) Operating direction (Horizontal or Vertical) |

! NOTE

- Products are made by quartz glass outside, it is highly fragile. Please be careful when you handle the products.
- Temperature of both lamp end (sealed part) must be below 300°C, otherwise it may cause short life.
- Lifetime differs depending on its used circumstance or CCT. Please ask your supplier for details.

Distributor :

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