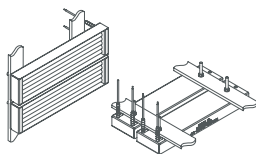


## Thermic characteristics :

- Average surface temperature at full capacity : from 390°C (200W) to 770°C (1000W).
- Wavelength : from 1.5 to 8  $\mu\text{m}$ , with a maximum wavelength situated between 2 $\mu\text{m}$  (1000W) and 5 $\mu\text{m}$  (200W) following the emitter.

## Using recommendation

- The emitters have to be mounted horizontally.
- Sometimes clean the emitters to prevent them from fouling up and from losing their heating power. For a good productivity, they have to work in an environment called "transparent".
- Using high : from 100 to 200mm from the product to be heated, according to the characteristics (color, surface treatment, etc.)



## Special manufacturing :

- **Manufacturing made to measure**, according to the need of your installation : specific power to obtain a fitted wavelength, specific voltages and dimensions. Seek advice from our sales department
- The emitters, with connections by leads, can be equipped with a **thermocouple**, type J or K, to regulate your installation



# INFRARED LAMPS - MEDIUM WAVELENGTH

Technology which combines the short infrared lamp with a wavelength in the area of the medium infrared wavelength.

## Applications :

Drying of the painting especially car painting, drying of the plastic or textil in areas such as dietary industry , serigraphy...

## Description :

- Coiled heating filament, in tungsten, integrated in a quartz tube full of a special halogen gas. Thanks to this gas, the tube does not lose its quality of wavelength.
- Filament centered in the tube by spikes on both sides.
- Connection by metal strip which can be made to be integrated in your installation.
- Voltage : 400V single phase.

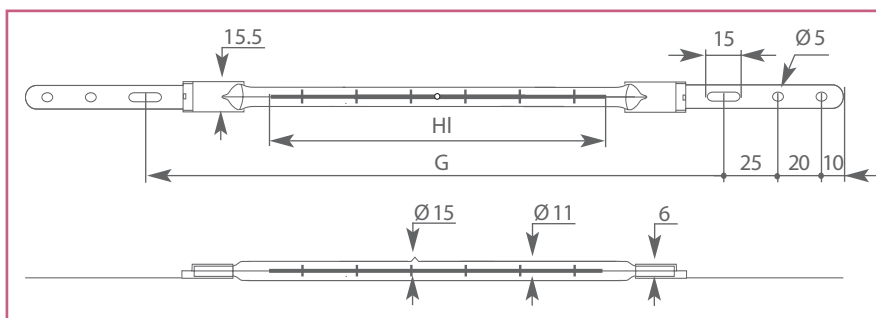
## Advantages :

Weak inertia lamp : lighting and extinction in few seconds.  
High density of power for a small bulk.  
Long-life : 5000h on average.

## Thermic characteristics :

- Wavelength : from 0.9 to 3.2 $\mu\text{m}$ .
- Temperature of the filament and wavelength which are fitted with maximum energy wavelength :

P (W)	Temperature (°K)	max. wavelength
2000	1800	1.6 $\mu\text{m}$



P (W)	U (V)	HI (mm)	G (mm)	Non stocked
2000	400	410	508	-

Legend : HI: Heating length G: gap

## Using recommendation :

- Those lamps can be set up in universal position.
- Prevent them from projections
- You must provide an electrical installation : the appeal current can be two or three times bigger than the nominal intensity.
- Do not touch or maintain the tube in your hands.
- Do not mount the blocked infrared lamps : strips must absorb the expansion of the different components of the lamp

The characteristics of our products are given for information only. We reserve the right to modify them in accordance with the technical evolution.