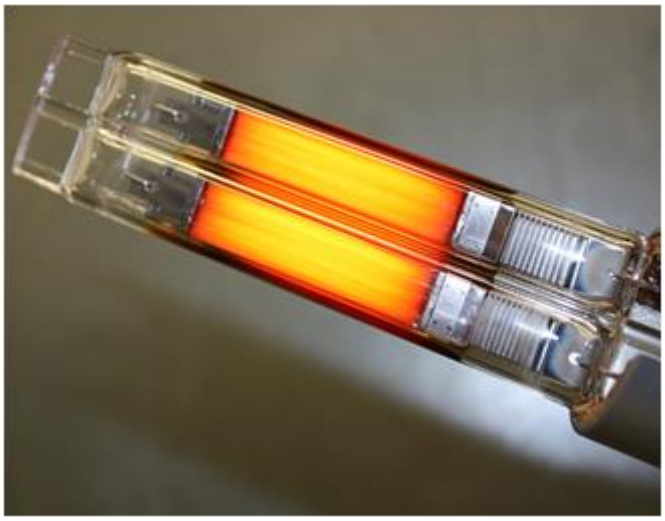
New Generation:
Short Carbon Infrared Emitters

Noblelight carbon infrared emitters from Excelitas feature a unique design of the heating filament that combines the effective medium wave radiation with high surface power densities and very short response times of the order of seconds. This high efficiency speeds up the heating process.
A new generation of Excelitas medium wave carbon infrared emitters feature heated lengths starting from 50mm to suit individual heating process.
These new emitters are particularly suitable for welding of plastics, for curing of small parts or for use in areas where a partial heating is desired. According to the needs of our clients, we manufacture the new, short carbon infrared emitters as a twin or round tube emitter and with gold, QRC or without reflector.



Features

- Partial heating
- For small diameter, narrow webs and production lines
- Horizontal and vertical use
- Short response times
- Energy efficient heating process

Technical Data

- Medium wave carbon infrared emitter
- Heated length from 50mm up to 195mm
- Peak wave length: 2.2 µm
- Available in steps of 5mm
- Up to 50 W/cm
- Power variance ± 10%

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