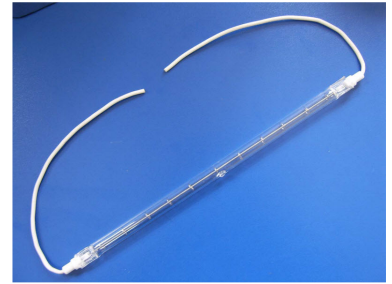
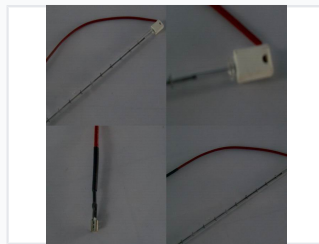
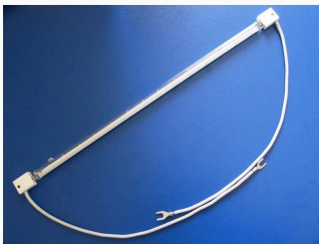


Infrared Heating Lamp for Solar Cell Production

Infrared heating lamps are designed for efficient heat distribution in solar cell manufacturing. They provide rapid heat-up and cool-down times for optimal process control during annealing, drying, and curing.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Infrared Heating Solutions

These industrial-grade infrared heating lamps are engineered for precision thermal processing across a wide range of industries, including photovoltaic cell manufacturing, plastic processing, and glass production. Utilizing advanced quartz and tungsten filament technology, these elements provide rapid heat-up times and consistent energy distribution for critical tasks like annealing, curing, and drying. Designed for durability in demanding environments, they offer customizable configurations to meet specific voltage and power requirements for your production line.

Technical Specifications

Electrical Performance

400 V

Voltage Rating

2.3 kW

Power Output

230 V

Alternative Voltage

Available Lamp Configurations

Short wave, Fast response medium wave, Carbon medium wave, Ni-Cr medium wave, Ruby, Golden, Halogen quartz, Gold plating, Reflective coating

Technical Construction

Construction Features

- Clear quartz glass tube housing
- Tungsten or tungsten alloy resistance filament
- Ceramic or insulating end caps
- Red insulated electrical wiring
- Clip tube locking mechanisms

Industrial Applications

Primary Use Cases

Industry	Process
Photovoltaic	String soldering, sputtering preheating
Plastics	Drying coatings, stretching, shrinking, blow moulding
Printing	Ink curing, inkjet drying
Glass	Car glass preheating, laminated glass manufacturing
Textiles	Drying coatings, fabric laminating

Additional Components

Semiconductor & CVD Components

CVD Process Quartz Tubes • Synthetic Quartz Glass Wafers • Quartz Boat for CVD • Synthetic Quartz for Photomasks