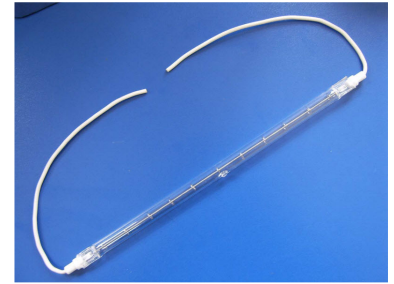
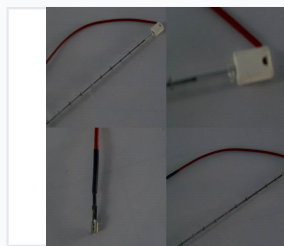


# Infrared Heating Lamp for Solar Cell Production

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