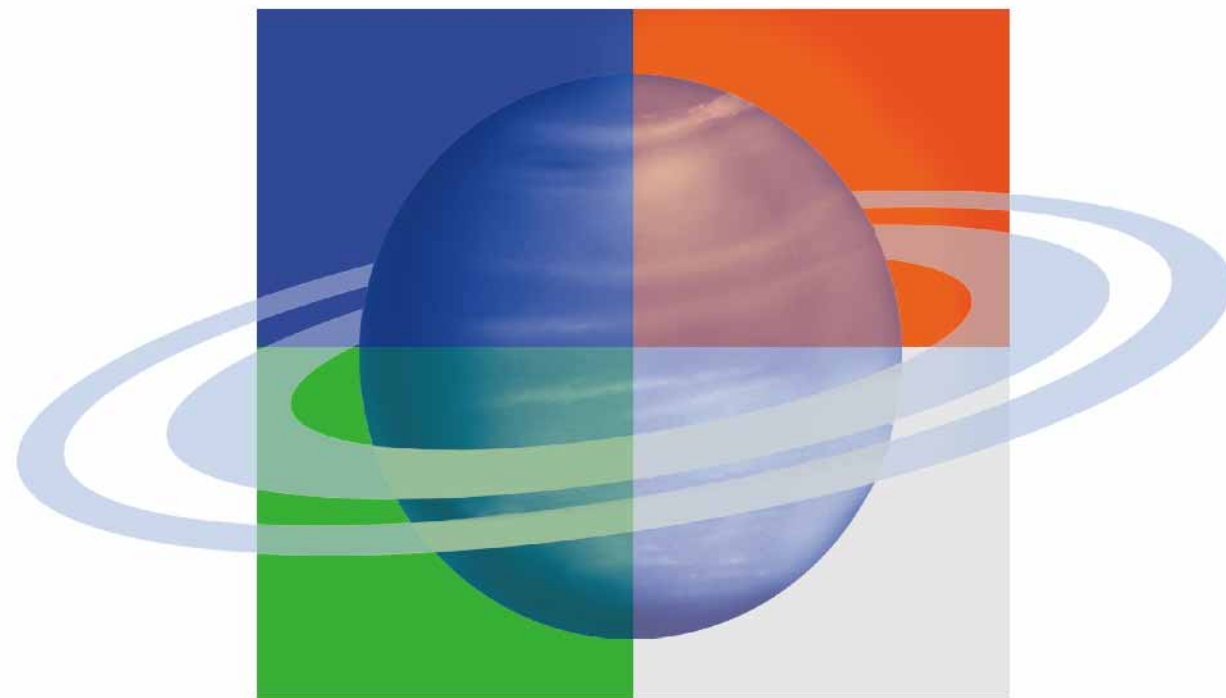




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# CATALOGUE



LINYI LANJING OPTOELECTRONICS TECHNOLOGY CO., LTD.









*Advanced Production Equipment Complete Inspection Device*

- Workshop of Continuous Electric Melting Furnace for quartz glass tube
- IR Heating Lamp Production Line
- Automatic Sealing Device Workshop
- Filament Winding Workshop
- Product Shaping Workshop
- Spot-Welding Workshop
- Exhaust Vacuum Machine
- Piping-Connection Machine



STRONG TECHNOLOGY R&D  
PERFECT TALENT TEAM WORK  
ADVANCED TESTING MACHINE

OEM&ODM&GLOBALIZATION PROJECT  
CUSTOMERS WORDWIDE  
PROFESSIONAL SUPPORT&INVESTMENT





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## Company Introduction

Originally set up in 1991, Linyi Lanjing Optoelectronics Technology Co., LTD., which is located in the logistics city, LINYI, SHANDONG province, China.

Linyi Lanjing has achieved ISO90001, 140001 and 180001 certificates, and we are High Technology Enterprise. We OEM with Philips, Samsung, HP, Lenovo, Pantum, Deli and etc.

There are three workshops, which are separately infrared heating lamps, UV lamps and printer lamps.

Currently, we have modern workshops and advanced equipment which is at leading place in heating and lighting industry. We have the standard flow-production line, like winding filament, Shaping, Spring Circle-winding, Piping-connection, Spot-welding, Automatic sealing, Exhaust vacuum and Quality control in every each process. Meanwhile, we guarantee that each lamp must be qualified from our factory to meet the maximum customers' demand.

Linyi Lanjing manufactures the high-tech products in terms of infrared Carbon lamps, UV lamps and Printing lamps. Also, we have patents of Carbon lamps, like Carbon filament and Carbon socks. It belongs to medium and fast medium wave, which is called Sun-Light. Its ultra low glare radiation can take care of people's eyes. Moreover, the carbon lamp has the sterilization function especially for the corona virus. This is widely used for medical instruments. Also, it is ECO lamp that can save energy consumption, and its life time can get around 10,000hrs.

Linyi Lanjing has over 200 staffs, of which the managerial levels are over 60 to control and keep the top quality. We have the strong R & D team, QC team, and production team. We do JIT production to seek perfect and continuous improvement. Moreover, we are working in parallel to ensure to have the quick response and operation process.

Finally, Linyi Lanjing always keeps on working to create the innovation technology and the most excellent product to offer the optimize service for any customers all over the world. And we warmly welcome you for perfect friendship and business-partner.

## Infrared (IR) Heating (Heater) Emitter (Lamp) Series

Carbon Infrared Lamps (CIR)

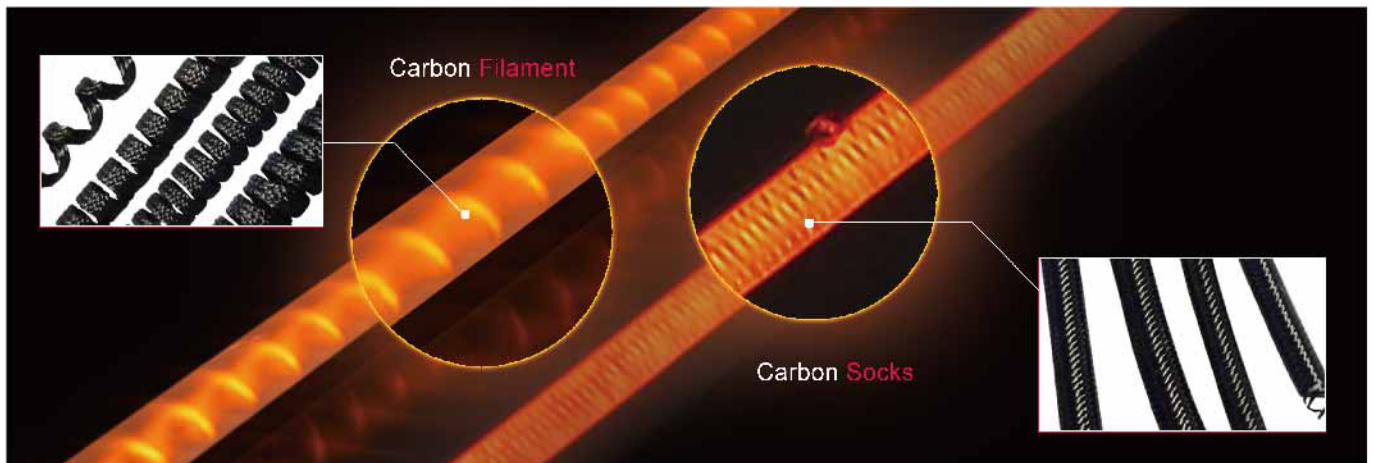
EC Eco-design

More Power Output

≥45% Less CO<sup>2</sup> Emission

≥30% Less Energy Consumption

≥14% More Infrared Radiation Efficiency



## Infrared (IR) Heating (Heater) Emitter (Lamp) Series

### EC Ecodesign + Carbon Infrared Lamps (CIR)

Infrared Carbon Lamp with fast medium with maximum power outputs 150kW/m<sup>2</sup>, + medium wave with maximum power outputs 60 kW/m<sup>2</sup>, mainly between 1.4-2.4μm, and radiation efficiency ≥92%. A unique design of the heating filament that combines the Japanese Carbon, as effective radiation with very short response times provides higher radiation density and improved mechanical stability. High-quality quartz glass tube for good transmission and thermal stability in short response time. More efficiency to save energy and valuable production space, as well as minimizing maintenance costs.

#### Mainly Types:

Current production capacity: length up from 118mm up to 3m

The power range is from 100W to 5000W

Tube: there is single and twin tube demand

Tube surface is with clear, frosted, Half Golden Plating, Half Ceramic Plating, Ruby, and etc.

Ceramic base: SK15, R7s, X metal, with cable, fork, Pin, Spikes, etc.

#### Carbon Filament Lamps





## Infrared (IR) Heating (Heater) Emitter (Lamp) Series

EC Ecodesign + Carbon Infrared Lamps (CIR)

### Carbon Socks Lamps



#### Application :

For industry heating, like printing, plastic, glass, automotive car, textile, etc.

For commercial heating, like heater, oven, grill, BBQ machine, batch room, etc.

For growing heating, like strawberry and chicken growing fast, etc.



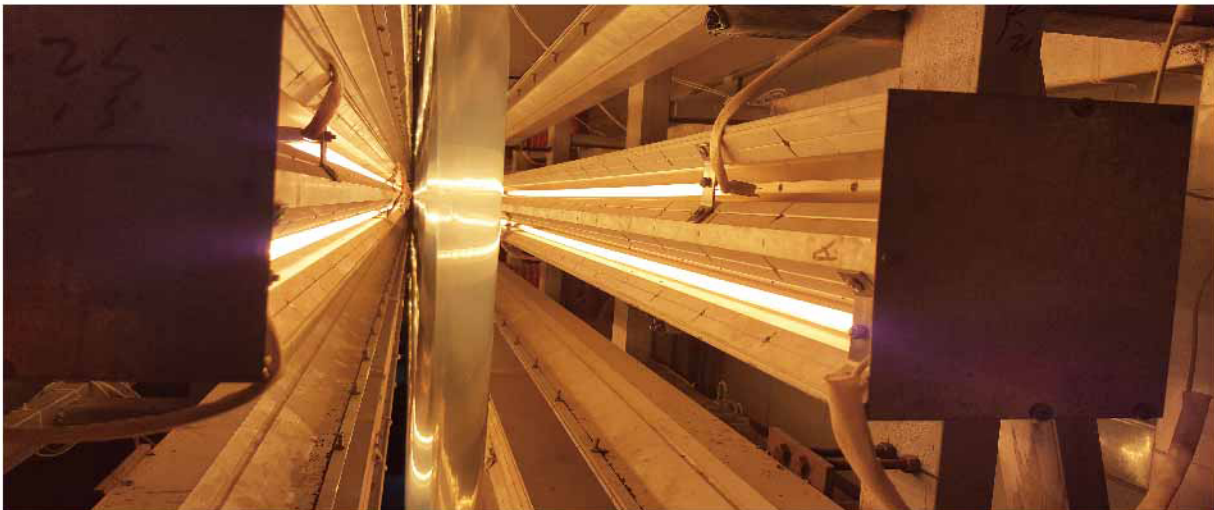
Comfort Heating



Industrial Heating



Animal Heating

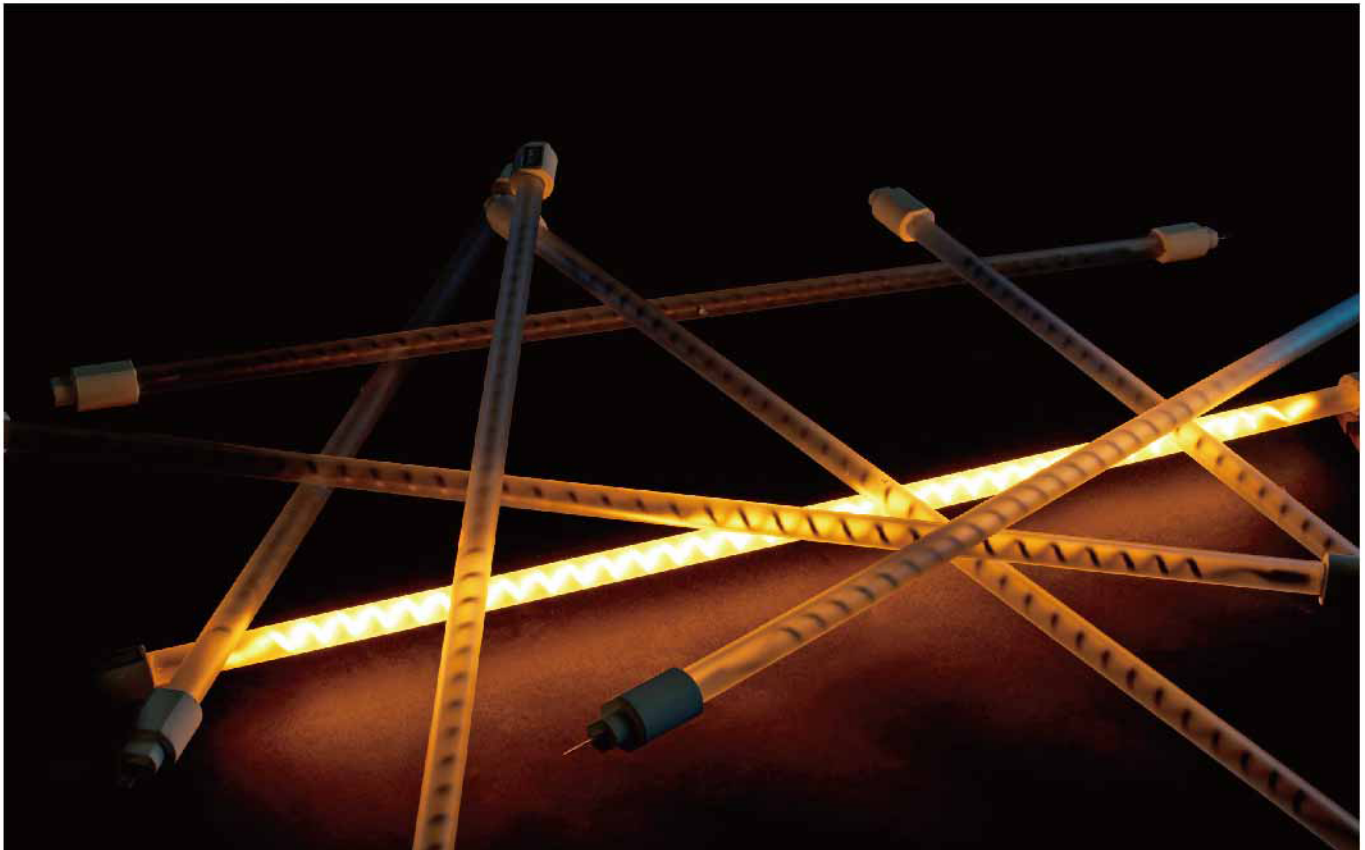




## Infrared (IR) Heating (Heater) Emitter (Lamp) Series

### EC Ecodesign + Carbon Infrared Lamps (CIR)

| Carbon Filament Lamp/ Carbon Socks Lamp Technical Data Comparison |                                                                                    |                                 |                                                |                                 |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------|---------------------------------|
| Carbon Filament Lamp                                              |  |                                 |                                                |                                 |
| Carbon Socks Lamp                                                 |  |                                 |                                                |                                 |
| SPEC.                                                             | $\phi 13 \times 648 \text{mm} - 1800 \text{W}$                                     |                                 | $\phi 13 \times 648 \text{mm} - 2200 \text{W}$ |                                 |
| Voltage (V)                                                       | $230 \pm 10\% \text{V}$                                                            |                                 | $230 \pm 10\% \text{V}$                        |                                 |
| Wattage (W)                                                       | $1800 \pm 5\% / -10\% \text{W}$                                                    |                                 | $2200 \pm 5\% / -10\% \text{W}$                |                                 |
| Total Length L1(MM)                                               | 648MM                                                                              |                                 | 648MM                                          |                                 |
| Tube Length L2(MM)                                                | 636MM                                                                              |                                 | 636MM                                          |                                 |
| Heating Length L3(MM)                                             | 540MM                                                                              |                                 | 540MM                                          |                                 |
| Type                                                              | Carbon Filament Lamp                                                               | Carbon Socks Lamp               | Carbon Filament Lamp                           | Carbon Socks Lamp               |
| Color Temp (K)                                                    | $1600 \pm 200 \text{K}$                                                            | $1300 \pm 200 \text{K}$         | $1600 \pm 200 \text{K}$                        | $1300 \pm 200 \text{K}$         |
| Surface Temp (°C)                                                 | $520 \pm 50 ^\circ \text{C}$                                                       | $540 \pm 50 ^\circ \text{C}$    | $560 \pm 50 ^\circ \text{C}$                   | $580 \pm 50 ^\circ \text{C}$    |
| Sealing Part Temp (°C)                                            | Less than $250 ^\circ \text{C}$                                                    | Less than $250 ^\circ \text{C}$ | Less than $250 ^\circ \text{C}$                | Less than $250 ^\circ \text{C}$ |
| Remark                                                            | The above data is based on factory inspection data.                                |                                 |                                                |                                 |





| Code       | Voltage (v)     | Watt (w)  | Overall Length (mm) | Heating Length (mm) | Tube OD (mm) | End Length (cm) | Finish                    | Shape  | Filament Type   |
|------------|-----------------|-----------|---------------------|---------------------|--------------|-----------------|---------------------------|--------|-----------------|
| UHI-32T03  | 230             | 1350      | 420                 | 390                 | 20           | R7s+LEADS       | Trans.                    | Double | Carbon Filament |
| UHI-32T07  | 240             | 1500      | 3000/4000           | 250                 | 15           | R7S             | Trans.                    | Linear | Carbon Filament |
| UHI-32T08  | 230             | 2000      | 2000/2500           | 420                 | 15           | R7S             | Trans.                    | Linear | Carbon Filament |
| UHI-32T10  | 235             | 2500      | 580                 | 480                 | 15           | R7s+LEADS       | Trans.                    | Linear | Carbon Filament |
| UHI-32T11  | 235             | 3000      |                     | 680                 | 15           | R7s+LEADS       | Trans.                    | Linear | Carbon Filament |
| UHI-32T12  | 230             | 1200      | 365                 |                     | 13           | R7s+LEADS       | Trans.                    | Linear | Carbon Filament |
| UHI-32T13  | 230             | 1800      | 510                 |                     | 13/15        | R7s+LEADS       | Trans.                    | Linear | Carbon Filament |
| UHI-32T15  | 230             | 1800      | 660                 |                     | 13/15        | R7s+LEADS       | Trans.                    | Linear | Carbon Filament |
| UHI-32T17  | 230             | 1400      | 640                 |                     | 13/15        | R7s+LEADS       | Trans.                    | Linear | Carbon Filament |
| UHI-32T20  | 110/127         | 480       | OD:120              |                     | 12           | R7s+LEADS       | Trans.                    | Circle | Carbon Filament |
| UHI-32T22  | 220             | 450       | OD:120              |                     | 12           | R7s+LEADS       | Trans.                    | Circle | Carbon Filament |
| UHI-32T23  | 240             |           | 147.32              |                     | 12           | R7s+LEADS       | Trans.                    | Linear | Carbon Filament |
| UHI-32T24  | 240             |           | 914.4               |                     | 12           | R7s+LEADS       | Trans.                    | Linear | Carbon Filament |
| UHI-32T25  | 240             | 1500      | 762                 |                     | 12           | R7s+LEADS       | Trans.                    | Linear | Carbon Filament |
| UHI-32F03  | 235             | 1500      | 355                 | 280                 | 18           | SK15+LEADS      | Frosted                   | Linear | Carbon Filament |
| UHI-32F04  | 235             | 2000      | 355                 | 280                 | 18           | SK15+LEADS      | Frosted                   | Linear | Carbon Filament |
| UHI-32F08  | 200             | 1300      | 691                 | 640                 | 15           | CERAMIC+MENTAL  | Frosted                   | Linear | Carbon Filament |
| UHI-32F09  | 230             | 1400      | 691                 | 640                 | 15           | CERAMIC+MENTAL  | Frosted                   | Linear | Carbon Filament |
| UHI-32F11  | 235             | 1800      | 529                 | 420                 | 15           | SK20+LEADS      | Frosted                   | Linear | Carbon Filament |
| UHI-32F12  | 230             | 1200      | 460                 | 340                 | 15           | R7S+LEADS       | Frosted                   | Linear | Carbon Filament |
| UHI-32F13  | 230             | 2600      | 625                 | 505                 | 15           | R7S+LEADS       | Frosted                   | Linear | Carbon Filament |
| UHI-32LG01 | 230             | 1500      | 430                 | 387                 | 18           | SK15+LEADS      | Golden (low glare)        | Linear | Carbon Filament |
| UHI-32LG02 | 230             | 2000      | 547                 | 504                 | 18           | SK15+LEADS      | Golden (low glare)        | Linear | Carbon Filament |
| UHI-32LG03 | 230             | 2500      | 594                 | 551                 | 18           | SK15+LEADS      | Golden (low glare)        | Linear | Carbon Filament |
| UHI-32R01  | 12              | 100       | 195                 | 98                  | 10           | R7S+LEADS       | RUBY                      | Linear | Carbon Filament |
| UHI-32R06  | 48              | 220       | 195                 | 98                  | 10           | R7S+LEADS       | RUBY                      | Linear | Carbon Filament |
| UHI-32S01  | 230             | 2500      | 614                 | 517                 | 15           | SK20+LEADS      | Trans. Golden (low glare) | Linear | Carbon Sock     |
| UHI-32S02  | 110-120/220-240 | 1500      | 420                 | 320                 | 15           | R7S+LEADS       | Trans.                    | Linear | Carbon Sock     |
| UHI-32S03  | 110-120/220-240 | 2000      | 420                 | 320                 | 15           | R7S+LEADS       | Trans.                    | Linear | Carbon Sock     |
| UHI-32S04  | 230             | 1200      |                     | 575                 | 10           | R7S+LEADS       | Trans.                    | Linear | Carbon Sock     |
| UHI-32S05  | 240             | 1000/2000 | 780                 |                     | 11/12        | R7S+LEADS       | Reflector/Halo Golden     | Linear | Carbon Sock     |
| UHI-32S06  | 230             | 2500      | 1200                |                     | 11/12        | SK15+LEADS      | Reflector/Halo Golden     | Linear | Carbon Sock     |



## Infrared (IR) Heating (Heater) Emitter (Lamp) Series

### Special IR Heating Lamps

Custom-orientated design offers you a practicable and optimized solution. Designed into different shape, size and spectrum to suit the relevant application process, like C, peach,  $\Omega$ , half-round, U, and etc. The complex geometry heating lamps for significant savings in both energy and operating costs.

#### Contoured emitters

Individually shaped emitters can follow work piece corners and edges to allow any required bending process

#### Small surface emitters

Short wave emitters heat complex geometries so that two surfaces can be joined without adhesive.

#### Omega emitters

Circular short wave emitters for oven, and hot staking. With heat up and cooling times in terms of seconds, very short process times can be realized.

