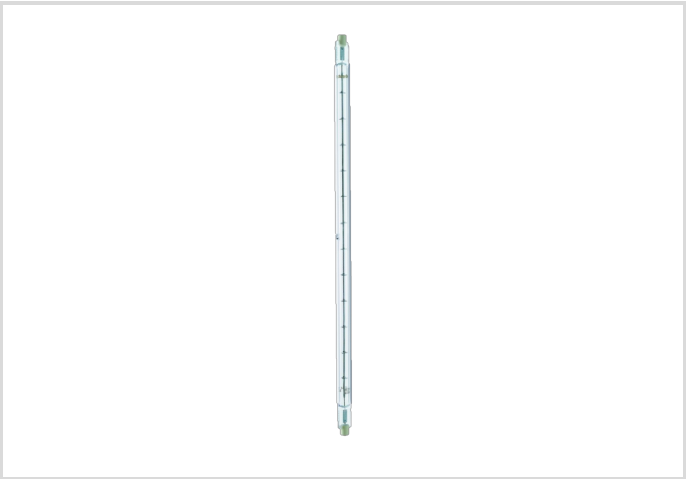
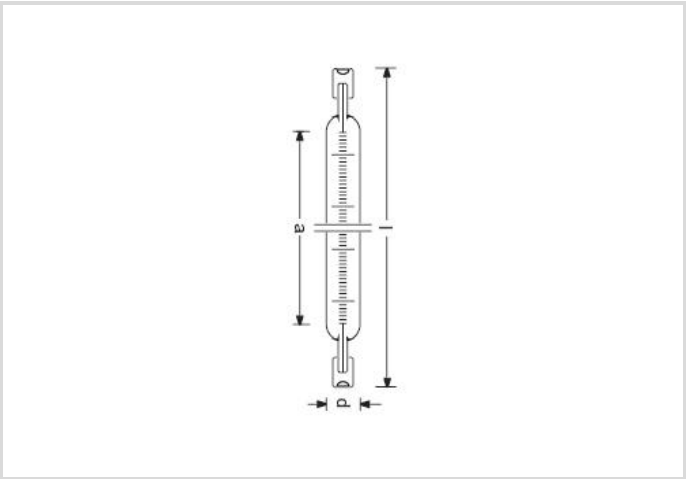
# Ralotherm Infrared Lamp R7s
ITT 500W 235V-0870 R7S

Radium

Product Datasheet Date: 03.11.2026





2350K | 5 000h | Dimmable

## General Data

| | |
|---|---|
| Article No. | 24317340 |
| Codice | ITT 500W 235V-0870 R7S |
| Product EAN | 4008597173400 |
| Box quantitiy (pcs.) | 12 |
| EAN Box | 4008597473401 |
| Gross weight of box in kg | 0.51 |
| Length of box in m | 0.32 |
| Width of box in m | 0.12 |
| Height of box in m | 0.1 |
| Product weight | 22 g |
| Product status | Attivo |

## Electric Parameters

| | |
|---|---|
| Lamp power | 500.0 W |
| Weighted energy consumption in 1000 hours | 500 kWh |
| Lamp voltage | 235-235 V |
| Nominal current (A) | 2,1 A |

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## Light Application Parameters

| | |
|---|---|
| Color temperature | 2350 K |

## Service Life

| | |
|---|---|
| Average life | 5000 h |

## Specification

| | |
|---|---|
| Diameter | 10 mm |
| Length max. | 257 mm |
| Total length max. | 256.1 mm |
| Contact distance l | 250.7 mm |
| Burning position | p15 |
| Lamp shape | Other |
| Base | R7s |

## Notes on Operation

| | |
|---|---|
| Burning position | p15 |

## Notes

Highly efficient infrared lamp for mains voltage 230V, double ended, controllable, long service life, no ramp-up-time - quick heating up

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.
The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.
The optinal field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

**Base**



R7s
IEC/EN 60061-1
sheet 7004-92A-4

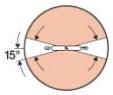
**Spectrum**

As daylight is a mixture of direct sunlight and light from the sky, the spectral distribution changes all the time due to the time of the day and the weather. The standard illuminant D65 corresponds to daylight with colour temperature of about 6500K.
Incandescent an halogen lamps emit a continouus red-dominated spectrum of electromagnetic radiation as it is generated by heating up a tungsten filament. The wavelength range of visisble light reaches from 380 to 780 nm, above (longer wavelength) there is infrared radiaiton which can be used for targeted heat generation.
The addition of halogens to the filling gas enhances the efficiency and prevents blackening. Further increase in effiency can be achieved by adding Xenon and/or specific coating.

**Special features**

# Ralotherm Infrared Lamp R7s

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**General notes**

The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefts) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages.
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**All technical data without guarantee.**