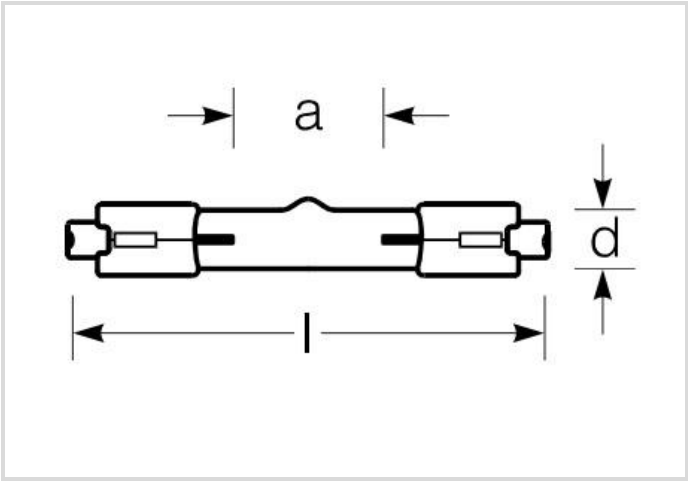
# High Pressure UV Lamps HTC
HTC 400-221

Radium

Product Datasheet Date: 03.11.2026






W

460

## General Data

| | |
|---|---|
| Article No. | 32317005 |
| Code | HTC 400-221 |
| Product EAN | 4008597170058 |
| Box quantitiy (pcs.) | 25 |
| EAN Box | 4008597470059 |
| Gross weight of box in kg | 0.6 |
| Length of box in m | 0.18 |
| Width of box in m | 0.18 |
| Height of box in m | 0.13 |
| Product status | Active |

## Electric Parameters

| | |
|---|---|
| Lamp power | 460.0 W |
| Nominal power | 460.0 W |
| Lamp voltage | 135 V |
| Ignition voltage | 3,0 - 4,5 |
| Lamp's nominal current | 4 A |
| Compensation capacitor for 50Hz operation | 50 µF |

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## Light Application Parameters

| | |
|---|---|
| Type of UV radiation | UV-A |

## Specification

| | |
|---|---|
| Diameter | 17.5 mm |
| Tube diameter | 14 mm |
| Length | 104 mm |
| Total length max. | 104 mm |
| Contact distance l | 100.7 mm |
| radiatior length (glass) | 45 mm |
| Burning position | Random |
| Lamp shape | Tube, double-ended |
| Base | R7s |

## Notes on Operation

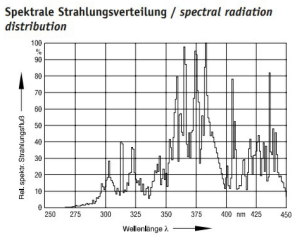
| | |
|---|---|
| Burning position | Random |
| Generating ozone | No |
| Suitable for air disinfection | No |
| Suitable for water disinfection | No |

## Notes

High-pressure UV lamp, for use only in enclosed fixtures and with control gear. Observe safety instructions!

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.
The 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).

### Spectrum




### 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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® = Registered trademark
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**Safety instructions**
HTC lamps emit UV radiation. Intense exposure can cause corneal and/or conjunctival inflammation, as well as skin damage. Furthermore, these lamps become very hot during operation and operate at high pressure. Therefore, HTC lamps must only be used in designated, enclosed fixtures and not for general lighting. The safety instructions provided by the fixture manufacturer must be observed. This product contains mercury. In case of lamp breakage, follow the appropriate safety procedures and dispose of it properly after use.

**All technical data without guarantee.**