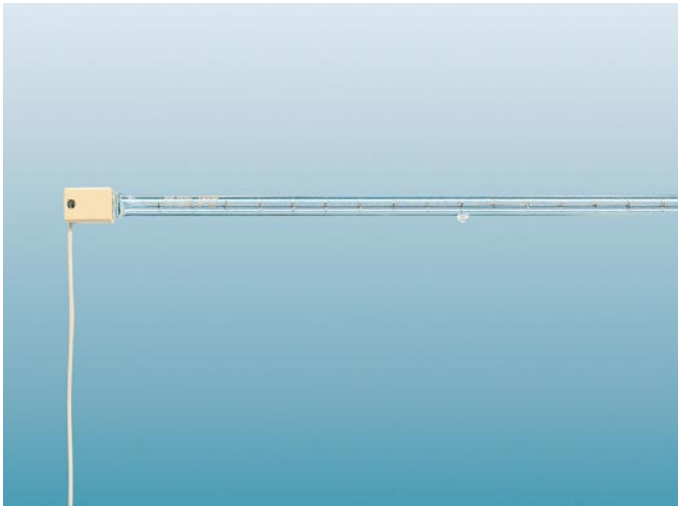


## Special halogen lamps

## Heat infrared: Industrial process



13940Z



500T3/7



13713X/98

| Type                   | A<br>max. | B         | C<br>max. | D          | E          |
|------------------------|-----------|-----------|-----------|------------|------------|
| Cap/base U/SK11/SK15/Z |           |           |           |            |            |
| 2MT3/1CL/HT/UBO        | 303.0     | 254.0±5.0 | 11.0      | 146.0± 5.0 | 146.0± 5.0 |
| 500T3(/CL)             | 223.8     | 127.0±5.0 | 11.0      | 146.0± 5.0 | 146.0± 5.0 |
| 800T3                  | 303.0     | 203.0±5.0 | 11.0      | 146.0± 5.0 | 146.0± 5.0 |
| 900T3/CL/16            | 405.0     | 229.0±5.0 | 11.0      | 146.0± 5.0 | 146.0± 5.0 |
| 1000T3(/CL)            | 350.8     | 254.0±5.0 | 11.0      | 146.0± 5.0 | 146.0± 5.0 |
| 1600T3(/CL)            | 503.0     | 406.0±5.0 | 11.0      | 146.0± 5.0 | 146.0± 5.0 |
| 2000T3/1CL/HT          | 303.0     | 254.0±5.0 | 11.0      | 146.0± 5.0 | 146.0± 5.0 |
| 2500T3                 | 731.0     | 635.0±5.0 | 11.0      | 146.0± 5.0 | 146.0± 5.0 |
| 3800T3(/CL(/UB))       | 1062.0    | 965.0±5.0 | 11.0      | 146.0± 5.0 | 146.0± 5.0 |
| 13168Z/98, 13213Z/98F  | 357.5     | 280.0±5.0 | 11.0      | 200.0± 5.0 | 200.0± 5.0 |
| 13169Z/98              | 227.5     | 165.0±5.0 | 11.0      | 200.0± 5.0 | 200.0± 5.0 |
| 13195Z/98, 13713Z(/98) | 357.5     | 272.0±5.0 | 11.0      | 200.0± 5.0 | 200.0± 5.0 |
| 13172Z                 | 355.0     | 272.0±5.0 | 11.0      | 350.0± 5.0 | 350.0± 5.0 |
| 13295Z, 13393Z         | 787.5     | 700.0±5.0 | 11.0      | 200.0± 5.0 | 200.0± 5.0 |
| 13296C                 | 500.0     | 444.0±5.0 | 9.0       | 183.0±10.0 | 513.0±10.0 |
| 13298C                 | 500.0     | 442.0±3.0 | 9.0       | 183.0±10.0 | 513.0±10.0 |
| 13940Z                 | 355.0     | 274.0±5.0 | 11.0      | 700.0± 5.0 | 700.0± 5.0 |

Dimensions in mm

Tubular, double-ended quartz infrared lamps are high-powered heat sources incorporating a tungsten coil filament within a quartz envelope. The filament is supported by tungsten supports at regular intervals to prevent sagging. These lamps produce a constant level of infrared irradiation throughout the lamp lifetime. Their benefits for industrial purposes include high efficiency,

fast heat transfer, direct response to power control, compactness and light weight. Burning position: horizontal or universal (depending on the type).

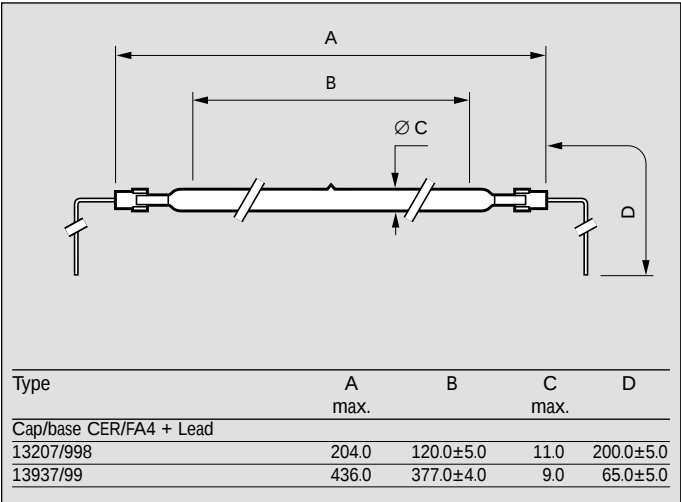
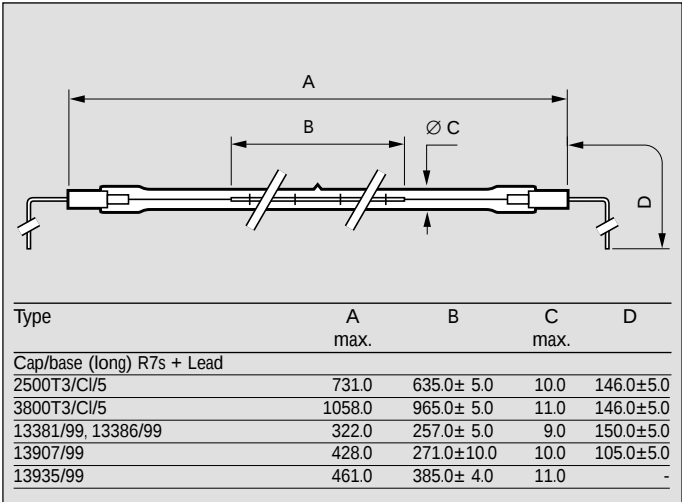
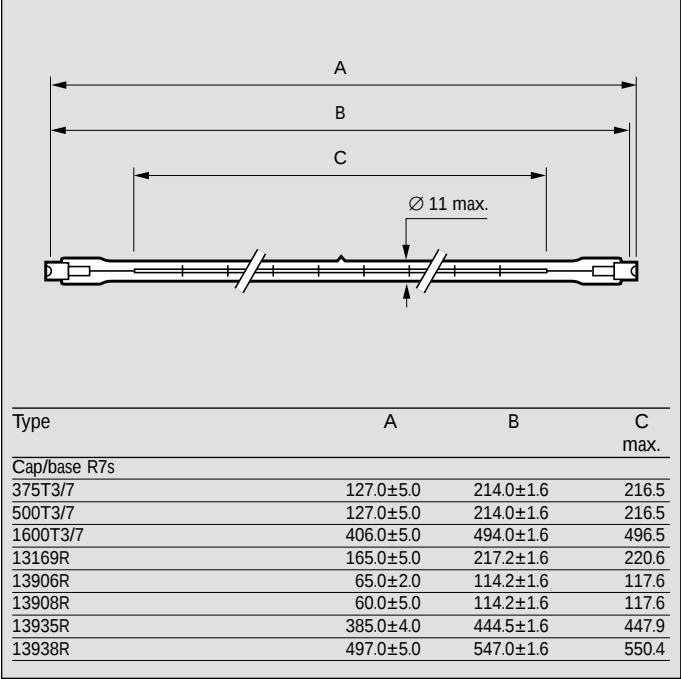
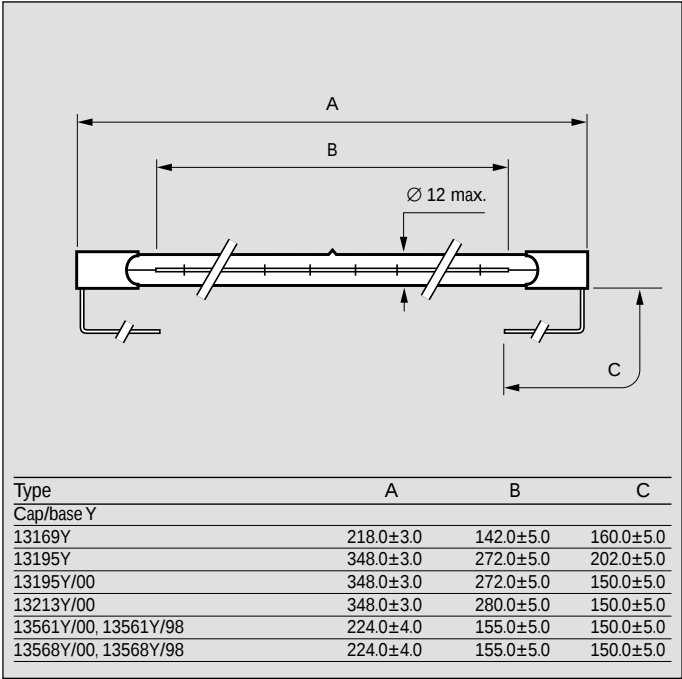
### Applications

- Heating and sterilisation
- Drying of paper, lacquer, inks, etc.
- Softening/melting of plastics

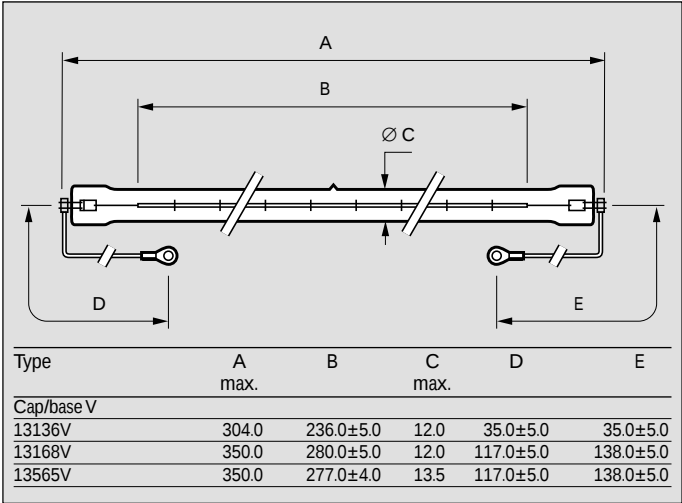
| Type                | A          | B         |
|---------------------|------------|-----------|
| Cap/base X          |            |           |
| 13168X              | 370±10.0   | 282.0±5.0 |
| 13169X(/98)         | 241.0±10.0 | 142.0±7.0 |
| 13195X(/98)         | 370.0±10.0 | 272.0±5.0 |
| 13215X, 13230X(/98) | 798.0±10.0 | 700.0±5.0 |
| 13245X(/98)         | 508.0±10.0 | 410.0±5.0 |
| 13246X              | 571.0±10.0 | 490.0±5.0 |
| 13565X              | 370.0±10.0 | 277.0±4.0 |
| 13713X(/98)         | 370.0±10.0 | 272.0±5.0 |
| 13765X(/98)         | 508.0±10.0 | 410.0±5.0 |

Special halogen lamps

Heat infrared: Industrial process



Dimensions in mm



| Type                        | Cap/base | Correlated colour temperature K | Ordering number |
|-----------------------------|----------|---------------------------------|-----------------|
| 2MT3/1CL/HT/UB0 240V 2000W  | U        | 2500                            | 9245 185 45500  |
| 375T3/7 115-125V 375W       | R7S      | 2500                            | 9245 205 34600  |
| 500T3 120V 500W             | U        | 2500                            | 9245 176 36300  |
| 500T3/7 115-125V 500W       | R7S      | 2500                            | 9245 177 34600  |
| 800T3 115-125V 800W         | U        | 2500                            | 9245 189 34600  |
| 1000T3 230-250V 1000W       | U        | 2500                            | 9245 178 43800  |
| 1000T3/CL 230-250V 1000W    | U        | 2500                            | 9245 179 43800  |
| 1600T3 208V 1600W           | U        | 2500                            | 9245 180 41400  |
| 1600T3/CL 230-250V 1600W    | U        | 2500                            | 9245 181 43800  |
| 1600T3 240V 1600W           | U        | 2500                            | 9245 182 45500  |
| 1600T3/7 230-250V 1600W     | R7S      | 2500                            | 9245 190 43800  |
| 2000T3/1CL/HT 240V 2000W    | U        | 2500                            | 9245 174 45500  |
| 2500T3 460-500V 2500W       | U        | 2500                            | 9245 183 51600  |
| 2500T3/CL/5 460-500V 2500W  | R7S+LEAD | 2500                            | 9245 188 51600  |
| 3800T3/CL/UB 550-600V 3800W | U        | 2500                            | 9245 173 51100  |
| 3800T3 550-600V 3800W       | U        | 2500                            | 9245 184 51100  |
| 3800T3/CL/5 570V 3800W      | R7S+LEAD | 2500                            | 9245 187 51000  |
| 3800T3/CL 570V 3800W        | U        | 2500                            | 9245 206 51000  |
| 13136V 400V 4600W           | V        | 3000                            | 9238 508 49100  |
| 13168V 220-250V 2000W       | V        | 2450                            | 9238 504 44500  |
| 13168X 220-250V 2000W       | X        | 2450                            | 9238 525 43900  |
| 13168Z/98 220-250V 2000W    | Z        | 2450                            | 9238 536 44500  |
| 13169X 110-130V 500W        | X        | 2450                            | 9238 500 32300  |
| 13169Y 110-130V 500W        | Y        | 2450                            | 9238 501 32300  |
| 13169X/98 110-130V 500W     | X        | 2450                            | 9238 502 32300  |
| 13169Z/98 220-250V 500W     | Z        | 2450                            | 9238 527 44500  |
| 13169R 220-250V 500W        | R7S      | 2450                            | 9239 468 44500  |
| 13172Z 220-240V 1200W       | SK15     | 2400                            | 9245 050 43300  |
| 13195X 220-250V 1000W       | X        | 2450                            | 9238 510 43900  |
| 13195Y 220-250V 1000W       | Y        | 2450                            | 9238 511 43900  |
| 13195X/98 220-250V 1000W    | X        | 2450                            | 9238 514 43900  |
| 13195Z/98 220-250V 1000W    | Z        | 2450                            | 9238 543 44500  |
| 13195Y/00 220-250V 1000W    | Y        | 2450                            | 9239 072 44500  |
| 13207/998 110V 1000W        | FA4+LEAD | 2300                            | 9239 452 31900  |
| 13213Y/00 220-250V 2000W    | Y        | 2450                            | 9239 073 44500  |
| 13213Z/98F 220-250V 2000W   | Z        | 2450                            | 9245 003 44500  |
| 13215X 380-420V 3000W       | X        | 2450                            | 9238 542 57900  |
| 13230X 380-420V 3000W       | X        | 2450                            | 9238 540 57900  |
| 13230X/98 380-420V 3000W    | X        | 2450                            | 9238 541 57900  |
| 13245X/98 380-420V 2000W    | X        | 2450                            | 9238 529 57900  |
| 13245X 380-420V 2000W       | X        | 2450                            | 9238 530 57900  |
| 13246X 380-420V 2500W       | X        | 2400                            | 9245 150 57900  |
| 13295Z 220-250V 1300W       | Z        | 2000                            | 9239 453 44500  |
| 13296C 110V 400W            | SK11     | 1650                            | 9239 470 31900  |
| 13298C 110V 630W            | SK11     | 1800                            | 9245 012 31900  |
| 13381/99 220V 1350W         | LONG R7S | 2700                            | 9238 608 42900  |
| 13386/99 220V 1700W         | LONG R7S | 2800                            | 9238 521 42900  |
| 13393Z 220-250V 1300W       | Z        | 2000                            | 9239 454 44500  |
| 13561Y/00 144V 1200W        | Y        | 2400                            | 9239 207 57700  |
| 13561Y/98 144V 1200W        | Y        | 2400                            | 9245 033 57700  |
| 13565X 220-250V 3000W       | X        | 2400                            | 9239 456 44500  |
| 13565V 220-250V 3000W       | V        | 2400                            | 9245 143 44500  |
| 13568Y/00 144V 1600W        | Y        | 2500                            | 9239 457 57700  |
| 13568Y/98 144V 1600W        | Y        | 2500                            | 9245 032 57700  |
| 13713X 220-250V 1000W       | X        | 2450                            | 9238 515 43900  |
| 13713Z/98 220-250V 1000W    | Z        | 2450                            | 9238 535 44500  |
| 13713Z 220-250V 1000W       | Z        | 2450                            | 9238 952 44500  |
| 13713X/98 220-250V 1000W    | X        | 2450                            | 9238 960 44500  |
| 13765X 380-420V 2000W       | X        | 2450                            | 9238 531 57900  |
| 13765X/98 380-420V 2000W    | X        | 2450                            | 9245 054 57900  |
| 13906R 120V 600W            | R7S      | 3200                            | 9238 900 36300  |
| 13907/99 220-250V 1000W     | LONG R7S | 2400                            | 9238 845 44500  |
| 13908R 220-240V 300W        | R7S      | 2500                            | 9238 503 43300  |
| 13935R 230V 1530W           | R7S      | 2400                            | 9239 472 44200  |
| 13935/99 230V 1530W         | LONG R7S | 2400                            | 9245 296 42900  |
| 13937/99 220V 750W          | CER+LEAD | 2200                            | 9239 489 42900  |
| 13938R 230V 2000W           | R7S      | 2450                            | 9245 085 44200  |
| 13940Z 220-250V 1500W       | SK15     | 2950                            | 9245 074 43900  |