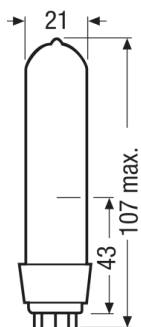


Spectroscopic lamps

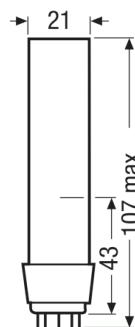


Areas of application

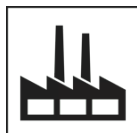
- Optics, photophysics, spectroscopy
- Chemical engineering and medicine



1188_SPECTRAL LAMPS



1187_SPECTRAL LAMPS



Product family datasheet

Technical data

| Product description | Product information | Electrical data | | | | Dimensions & weight |
|---------------------|---------------------|-----------------|-----------------|-----------------|-----------------|---------------------|
| | Order reference | Lamp voltage | Nominal current | Type of current | Nominal voltage | Filament length |
| Cd/10 | CD10 15V VS1 | 15 V | 100 A | AC | | 4.00 mm |
| Cs/10 | CS/10 1A PICO | 10 V | 100 A | AC | | 3.00 mm |
| He/10 | HE10 60V VS1 | 60 V | 100 A | AC | | 3.00 mm |
| Na/10 | NA/10 15W 15V 1 | 15 V | 100 A | AC | 15.0 V | |
| Ne/10 | NE/10 1A PICO | 30 V | 100 A | AC | | 8.00 mm |
| Hg 100 | HG100 45V VS1 | 45 V | 100 A | AC/DC | 45.0 V | 8.00 mm |
| HgCd/10 | HG CD/10 1A PIC | 30 V | 100 A | AC | | 7.00 mm |
| Tl/10 | TL/10 1A PICO | 15 V | 100 A | AC | | 7.00 mm |
| Zn/10 | ZN/10 1A PICO | 15 V | 100 A | AC | | 7.00 mm |

| Product description | Filament diameter | Temperatures & operating conditions | Additional product data | |
|---------------------|-------------------|--|-------------------------|-----------------------------|
| | | Max. permitted ambient temp. pinch point | Design / version | Base (standard designation) |
| Cd/10 | 6.0 mm | 350 °C | Cadmium | PICO9 |
| Cs/10 | 6.0 mm | 350 °C | Caesium | PICO9 |
| He/10 | 8.0 mm | 350 °C | Helium | PICO9 |
| Na/10 | 6.5 mm | 350 °C | Sodium | PICO9 |
| Ne/10 | 8.0 mm | 350 °C | Neon | PICO9 |
| Hg 100 | 3.0 mm | 350 °C | Mercury | PICO9 |
| HgCd/10 | 8.0 mm | 350 °C | Mercury/Cadmium | PICO9 |
| Tl/10 | 3.0 mm | 350 °C | Thallium | PICO9 |
| Zn/10 | 6.0 mm | 350 °C | Zinc | PICO9 |

| Product description | Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | | |
|---------------------|--|-------------------------------|----------------------------|------------------------|
| | Date of Declaration | Primary Article Identifier | Candidate List Substance 1 | CAS No. of substance 1 |
| Cd/10 | 05-03-2024 | 4050300210353 4008321484543 | Lead | 7439-92-1 |
| Cs/10 | 05-03-2024 | 4050300213842 | Lead | 7439-92-1 |
| He/10 | 05-03-2024 | 4050300212258 4008321484529 | Lead | 7439-92-1 |

Product family datasheet

| Environmental information | | | | |
|---|---------------------|----------------------------------|----------------------------|------------------------|
| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | | | |
| Product description | Date of Declaration | Primary Article Identifier | Candidate List Substance 1 | CAS No. of substance 1 |
| Na/10 | 05-03-2024 | 4008321417800 | Lead | 7439-92-1 |
| Ne/10 | 05-03-2024 | 4050300212210 | Lead | 7439-92-1 |
| Hg 100 | 05-03-2024 | 4050300231310 4008321484536 | Lead | 7439-92-1 |
| HgCd/10 | 05-03-2024 | 4050300211459 | Lead | 7439-92-1 |
| Tl/10 | 05-03-2024 | 4050300211435 | Lead | 7439-92-1 |
| Zn/10 | 05-03-2024 | 4050300212234 | Lead | 7439-92-1 |

| Product description | Safe Use Instruction | Declaration No. in SCIP database |
|---------------------|--|--------------------------------------|
| Cd/10 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | ee38036f-c6ba-493c-90b0-583fb86ea4eb |
| Cs/10 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 767726b7-cdcb-49eb-bc86-08638c1ad9e4 |
| He/10 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | a86354d2-4145-4512-a5c9-2e27fa9083a9 |
| Na/10 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 458f9e9f-d96e-45a4-a35b-67d459d4d1e6 |
| Ne/10 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | e17ddfc5-6af0-4199-98c2-52eaa78d28e8 |
| Hg 100 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 3682195b-788e-4134-afdf-9531bd3410ac |

Product family datasheet

| Product description | Safe Use Instruction | Declaration No. in SCIP database |
|---------------------|--|--------------------------------------|
| HgCd/10 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | aff56e82-27b7-48b3-94cc-f293d64b75e6 |
| Tl/10 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 2a03b5da-2dfb-4db9-bb8c-43c2ef4e46e7 |
| Zn/10 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 255bca55-b7c4-4110-9636-9813ced67351 |

Product family datasheet

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.