

Spectroscopic lamps

High quality spectral calibration lamps for scientific and industrial laboratories



Areas of application

- Laboratory & Analysis
- Spectroscopy

Product features and benefits

- High quality monochromatic light sources
- Intense and stable irradiance at specified line spectra
- Suitable for AC operation



December 23, 2024, 02:51:32 Spectroscopic lamps



SPECTRAL LAMPS

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Technical data

| | General Product Information | Electrical Data | | Physical Attributes & Dimensions | |
|---------------------|--------------------------------|-----------------|--------------|-------------------------------------|--|
| Product description | Design / version | Lamp voltage | Lamp current | Lamp base | |
| Cd/10 | Cadmium | 15 V | 1. A | PICO9 | |
| Cs/10 | Caesium | 10 V | 1. A | PICO9 | |
| He/10 | Helium | 60 V | 1. A | PICO9 | |
| Na/10 | Sodium | 15 V | 1. A | PICO9 | |
| Ne/10 | Neon | 30 V | 1. A | PICO9 | |
| Hg 100 | Mercury | 45 V | 1. A | PICO9 | |
| HgCd/10 | Mercury/Cadmium | 30 V | 1. A | PICO9 | |
| TI/10 | Thallium | 15 V | 1. A | PICO9 | |
| Zn/10 | Zinc | 15 V | 1. A | PICO9 | |

| Product description | Diameter | Diameter (in) | Length | Product weight |
|---------------------|----------|---------------|----------|----------------|
| Cd/10 | 21.0 mm | 0.827 in | 102.0 mm | 50.00 g |
| Cs/10 | 21.0 mm | | 102.0 mm | 50.00 g |
| He/10 | 21.0 mm | 0.827 in | 102.0 mm | 50.00 g |
| Na/10 | 21.0 mm | | 102.0 mm | 50.00 g |
| Ne/10 | 21.0 mm | | 102.0 mm | 50.00 g |
| Hg 100 | 21.0 mm | 0.827 in | 100.0 mm | 50.00 g |
| HgCd/10 | 21.0 mm | | 102.0 mm | 50.00 g |
| Tl/10 | 21.0 mm | | 102.0 mm | 50.00 g |
| Zn/10 | 21.0 mm | | 102.0 mm | 50.00 g |

| | Operating Conditio | Operating Conditions | | Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh) | |
|---------------------|--------------------|--|----------------------------------|--|--|
| Product description | Burning position | Max. permitted ambient temp. pinch point | Primary article identifier | Declaration no. in SCIP database | |
| Cd/10 | Other | 350 °C | 4008321484543 4050300210353 | ee38036f-c6ba-493c- 90b0-583fb86ea4eb | |
| Cs/10 | Other | 350 °C | 4050300213842 | 767726b7-cdcb- 49eb-bc86- 08638c1ad9e4 | |
| He/10 | Other | 350 °C | 4050300212258 4008321484529 | a86354d2-4145- 4512-a5c9- 2e27fa9083a9 | |
| Na/10 | Other | 350 °C | 4008321417800 | 458f9e9f-d96e-45a4- a35b-67d459d4d1e6 | |
| Ne/10 | Other | 350 °C | 4050300212210 | e17ddfc5-6af0-4199- 98c2-52eaa78d28e8 | |
| Hg 100 | Other | 350 °C | 4008321484536 4050300231310 | 3682195b-788e- 4134-afdf- 9531bd3410ac | |

| | Operating Conditions | | Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh) | |
|---------------------|----------------------|--|--|--|
| Product description | Burning position | Max. permitted ambient temp. pinch point | Primary article identifier | Declaration no. in SCIP database |
| HgCd/10 | Other | 350 °C | 4050300211459 | aff56e82-27b7-48b3- 94cc-f293d64b75e6 |
| TI/10 | Other | 350 °C | 4050300211435 | 2a03b5da-2dfb- 4db9-bb8c- 43c2ef4e46e7 |
| Zn/10 | Other | 350 °C | 4050300212234 | 255bca55-b7c4- 4110-9636- 9813ced67351 |

| Product description | Candidate list substance 1 | CAS No. of substance 1 | Safe use instruction |
|---------------------|-------------------------------|---------------------------|---|
| Cd/10 | Lead | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Cs/10 | Lead | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| He/10 | Lead | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Na/10 | Lead | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Ne/10 | Lead | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Hg 100 | Lead | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. |

| Product description | Candidate list substance 1 | CAS No. of substance 1 | Safe use instruction |
|---------------------|-------------------------------|---------------------------|-----------------------|
| HgCd/10 | Lead | 7439-92-1 | The identification of |
| | | | the Candidate List |
| | | | substance is |
| | | | sufficient to allow |
| | | | safe use of the |
| | | | article. |
| TI/10 | Lead | 7439-92-1 | The identification of |
| | | | the Candidate List |
| | | | substance is |
| | | | sufficient to allow |
| | | | safe use of the |
| | | | article. |
| Zn/10 | Lead | 7439-92-1 | The identification of |
| | | | the Candidate List |
| | | | substance is |
| | | | sufficient to allow |
| | | | safe use of the |
| | | | article. |

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.