

## Spectroscopic lamps



### Areas of application

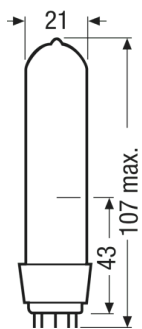
- Laboratory & Analysis
- Spectroscopy

### Product features and benefits

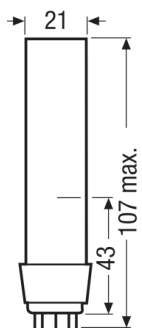
- High quality monochromatic light sources
- Intense and stable irradiance at specified line spectra
- Suitable for AC operation



Product family datasheet



SPECTRAL LAMPS



SPECTRAL LAMPS

Product family datasheet

Technical data

Product description	General Product Information	Electrical Data		Physical Attributes & Dimensions
	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
Tl/10	Thallium	15 V	1. A	PICO9
Zn/10	Zinc	15 V	1. A	PICO9

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

		Operating Conditions		Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)
		Burning position	Max. permitted ambient temp. pinch point	Primary article identifier
Cd/10	50.00 g	Other	350 °C	4008321484543   4050300210353
Cs/10	50.00 g	Other	350 °C	4050300213842
He/10	50.00 g	Other	350 °C	4050300212258   4008321484529
Na/10	50.00 g	Other	350 °C	4008321417800
Ne/10	50.00 g	Other	350 °C	4050300212210
Hg 100	50.00 g	Other	350 °C	4008321484536   4050300231310
HgCd/10	50.00 g	Other	350 °C	4050300211459
Tl/10	50.00 g	Other	350 °C	4050300211435

Product family datasheet

		Operating Conditions		Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)
Product description	Product weight	Burning position	Max. permitted ambient temp. pinch point	Primary article identifier
Zn/10	50.00 g	Other	350 °C	4050300212234

Product description	Declaration no. in SCIP database	Candidate list substance 1	CAS No. of substance 1	Safe use instruction
Cd/10	ee38036f-c6ba-493c-90b0-583fb86ea4eb	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Cs/10	767726b7-cdc9-49eb-bc86-08638c1ad9e4	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
He/10	a86354d2-4145-4512-a5c9-2e27fa9083a9	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Na/10	458f9e9f-d96e-45a4-a35b-67d459d4d1e6	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Ne/10	e17ddfc5-6af0-4199-98c2-52eaa78d28e8	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Hg 100	3682195b-788e-4134-afdf-9531bd3410ac	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product family datasheet

Product description	Declaration no. in SCIP database	Candidate list substance 1	CAS No. of substance 1	Safe use instruction
HgCd/10	aff56e82-27b7-48b3-94cc-f293d64b75e6	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Tl/10	2a03b5da-2dfb-4db9-bb8c-43c2ef4e46e7	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Zn/10	255bca55-b7c4-4110-9636-9813ced67351	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

## Product family datasheet

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### Application advice

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

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### Disclaimer

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