

# 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



February 23, 2025, 03:01:27 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
Tl/10	Thallium	15 V	1. A	PICO9
Zn/10	Zinc	15 V	1. A	PICO9

Product description	Diameter (in)	Diameter	Length	Product weight
Cd/10	0.827 in	21.0 mm	102.0 mm	50.00 g
Cs/10		21.0 mm	102.0 mm	50.00 g
He/10	0.827 in	21.0 mm	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	0.827 in	21.0 mm	100.0 mm	50.00 g
HgCd/10		21.0 mm	102.0 mm	50.00 g
TI/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	Leəd	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.