

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.