Product family datasheet

Spectroscopic lamps

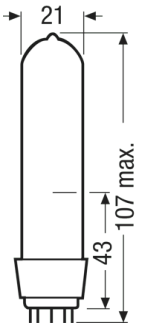
High quality spectral calibration lamps for scientific and industrial laboratories

Areas of application

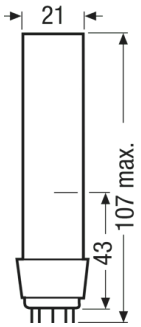
- Laboratory & Analysis
- Spectroscopy

Product features and benefits

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



SPECTRAL LAMPS



SPECTRAL LAMPS

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	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 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
Tl/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.
Tl/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.