HBO Mercury short-arc lamps with reflector 100 W

Mercury short-arc lamps with reflector 100 W



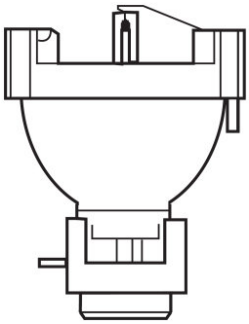
Product family benefits

- High radiance
- High radiant power in the UV and the visible range

Product family features

- Multi-line spectrum

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330872_HBO R 103W

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Product family datasheet

Technical data

	Electrical data			Photometrical data	Light technical data	Dimensions & weight
Product description	**Type of current**	**Nominal wattage**	**Rated wattage**	**Radiated power 315...400 nm (UVA)**	**Focal length**	**Diameter**
HBO R 103 W/45	DC	100.00 W	100.00 W	3.8 / 5.0 W [1)]	45.0 mm	68.0 mm

		Lifespan	Additional product data	
Product description	**Length with base excl. base pins/connection**	**Lifespan**	**Base anode (standard designation)**	**Base cathode (standard designation)**
HBO R 103 W/45	77.00 mm	300 h	Pin	Pin

	Capabilities	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Product description	**Burning position**	**Date of Declaration**	**Primary Article Identifier**	**Candidate List Substance 1**
HBO R 103 W/45	p20	05-03-2024	4050300405957	Lead

Product description	**CAS No. of substance 1**	**Safe Use Instruction**	**Declaration No. in SCIP database**
HBO R 103 W/45	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	cce3d02b-c5cd-4be4-8e72-a79d159780b6

[1)] Aperture 3 mm round

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Safety advice

Because of their high luminance, UV radiation and high internal pressure (when hot) HBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Mercury is released if the lamp breaks. Special safety precautions must be taken. More information is available on request or can be found in the leaflet included with the lamp or in the operating instructions.

Application advice

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

References / Links

Further technical information on HBO lamps and information for manufacturers of operating equipment can be requested directly from OSRAM.

Disclaimer

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

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