

HBO Mercury short-arc lamps with reflector 100 W

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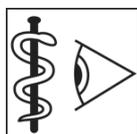


Product family benefits

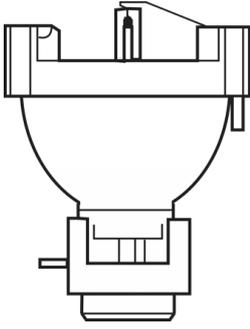
- High radiance
- High radiant power in the UV and the visible range

Product family features

- Multi-line spectrum



Product family datasheet



330872_HBO R 103W

Product family datasheet

Technical data

Product description	Electrical data			Photometrical data	Light technical data	Dimensions & weight
	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

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

Product description	Capabilities	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
	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

Product family datasheet

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.