

# HBO Mercury short-arc lamps with reflector 100 W

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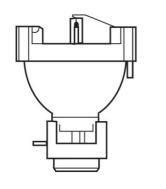
### Product family benefits

High radianceHigh radiant power in the UV and the visible range

### Product family features

- Multi-line spectrum





330872\_HBO R 103W

### Technical data

	Electrical data			Photometrical data	Light technica l data	Dimensions & weight
Product description	Type of current	Nominal wattage	Rated wattage	Radiated power 315400 nm (UVA)	Focal length	Diameter
HBO R 103 W/45	DC	10000 W	10000 W	3.8 / 5.0 W <sup>1)</sup>	45.0 mm	680 mm

		Lifespan	Lifespan Additional product data			
Product description	Length with base excl. base pins/connection	Lifespan	Base anode (star designation)	(standard	Base cathode (standard designation)	
HBO R 103 W/45	77.00 mm	300 h	Pin	Pin		
	Capabilities		ntal information according Art. 33	of EU Regulation	(EC) 1907/2006	
Product description	Burning position	Date of Dec		ary Article tifier	Candidate List Substance 1	
			iden		Substance 1	

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

<sup>1)</sup> Aperture 3 mm round

### 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.