

## HBO 100 W/2

HBO Mercury short-arc lamps without reflector 50...200 W | Mercury short-arc lamps without reflector 50...200 W



### Areas of application

- Fluorescence microscopy
- UV curing
- A variety of light guide applications

### Product family benefits

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

### Product family features

- Multi-line spectrum



# Product datasheet

## Technical data

### Electrical data

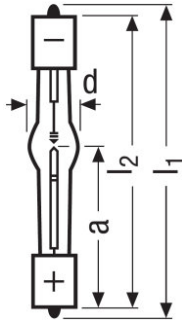
Type of current	DC
Rated wattage	100.00 W
Nominal wattage	100.00 W

### Photometrical data

Nominal luminous flux	2200 lm
Luminous intensity	260 cd <sup>1)</sup>

<sup>1)</sup> Typical initial photometric value

### Dimensions & weight



Diameter	10.0 mm
Mounting length	82.0 mm <sup>1)</sup>
Length with base excl. base pins/connection	82.00 mm <sup>1)</sup>
Light center length (LCL)	43.0 mm <sup>2)</sup>

<sup>1)</sup> Maximum

<sup>2)</sup> Distance from end of base to tip of anode (cold)

### Lifespan

Lifespan	200 h
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### Additional product data

Base anode (standard designation)	SFa9-2
Base cathode (standard designation)	SFa7.5-2

### Capabilities

Burning position	s90 <sup>1)</sup>
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<b>Application</b>	Other
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<sup>1)</sup> Anode underneath

### Environmental information

<b>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)</b>	
<b>Date of Declaration</b>	28-01-2022
<b>Primary Article Identifier</b>	4050300507095
<b>Candidate List Substance 1</b>	Lead
<b>CAS No. of substance 1</b>	7439-92-1
<b>Safe Use Instruction</b>	The identification of the Candidate List substance is sufficient to allow safe use of the article.
<b>Declaration No. in SCIP database</b>	8a5de7b7-1ac0-42b0-9bc6-43f410d52790

### Country specific information

<b>Product code</b>	<b>METEL code</b>	<b>SEG-No.</b>	<b>STK number</b>	<b>UK Org</b>
4050300507095	OSRHBO1002	-	4836517	-
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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.

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300507095	HBO 100 W/2	Folding carton box 1	165 mm x 95 mm x 48 mm	0.75 dm <sup>3</sup>	91.00 g
4050300507101	HBO 100 W/2	Shipping carton box 10	235 mm x 210 mm x 225 mm	11.10 dm <sup>3</sup>	953.75 g

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The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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### References / Links

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

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### Disclaimer

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

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