

## HBO 200 W/4

HBO  $\leq$  200W Double End | Short arc lamps with an intense point source that provides a broad spectrum through the visible and ultraviolet ranges



### Areas of application

- Laboratory & Analysis
- UV Curing
- Fiber Illumination
- Microscopy
- Solar Simulation

### Product features and benefits

- High luminance / radiance with intense point source
- Broad spectral distribution in the visible and ultraviolet range
- Enhanced UV characteristics available on some types
- High arc stability



# Product datasheet

## Technical data

### General Product Information

Product number (Americas)	69224
Product name (Americas)	HBO 200 W/4 10/CS 1/SKU
Family brand	HBO
Global order reference	HBO 200 W/4

### Electrical Data

Nominal wattage	200 W
Lamp voltage	54...63 V <sup>1)</sup>
Lamp current	3.0...3.7 A
Type of current	AC

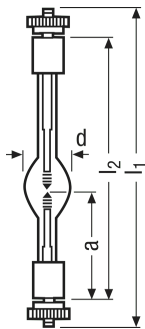
<sup>1)</sup> Initial electrical values

### Photometric Data

Nominal luminous flux	9500 lm
Luminous intensity	950 cd <sup>1)</sup>
Luminous efficacy	47.5 lm/W
Light center length (LCL)	40.0 mm

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

### Physical Attributes & Dimensions



Base (anode)	SFc10-4
Base (cathode)	SFc10-4
Diameter (in)	39.331 in
Diameter	17.0 mm
Length	125.0 mm
Length with base excl. base pins/connection	102.00 mm <sup>1)</sup>

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<b>Product weight</b>	32.00 g
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<sup>1)</sup> Maximum

### Operating Conditions

<b>Burning position</b>	s20 <sup>1)</sup>
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<sup>1)</sup> Reference base pointing downwards (shorter shaft)

### Lifetime Data

<b>Nominal lifetime</b>	200 hr
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### Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
<b>Primary article identifier</b>	4050300506715
<b>Declaration no. in SCIP database</b>	0b6aabc0-648f-4d0d-8fa3-737723deaad7
<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.

### Country specific information

Product code	METEL code	SEG-No.	STK number	UK Org
4050300506715	OSRHBO2004	-	4836528	-

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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
4050300506715	HBO 200 W/4	Folding carton box 1	165 mm x 95 mm x 48 mm	0.75 dm <sup>3</sup>	112.00 g
4050300506722	HBO 200 W/4	Shipping carton box 10	235 mm x 225 mm x 210 mm	11.10 dm <sup>3</sup>	1348.00 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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### Disclaimer

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

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