

HBO 200 W/DC TM

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)	69163
Product name (Americas)	HBO 200 W/DC TM 10/CS 1/SKU
Family brand	HBO
Lamp type	DOUBLE ENDED
Global order reference	HBO 200 W/DC TM

Electrical Data

Nominal wattage	200 W
Nominal voltage	57 V
Lamp voltage	57...65 V ¹⁾
Lamp current	3.0...4.3 A
Type of current	DC

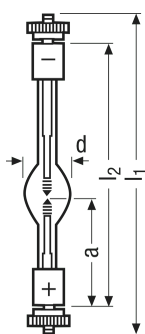
¹⁾ Initial electrical values

Photometric Data

Nominal luminous flux	9500 lm
Luminous intensity	1000 cd ¹⁾
Luminous efficacy	50 lm/W
Light center length (LCL)	40.0 mm

¹⁾ Typical initial photometric value

Physical Attributes & Dimensions



Base (anode)	SFc10-4 ¹⁾
Base (cathode)	SFc10-4 ¹⁾
Diameter (in)	39.331 in
Diameter	17.0 mm

Product datasheet

Length	125.0 mm
Length with base excl. base pins/connection	102.00 mm ²⁾
Product weight	33.00 g

¹⁾ With 8-32 UNC-3 B thread

²⁾ Maximum

Operating Conditions

Burning position	s90 ¹⁾
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¹⁾ Anode underneath

Lifetime Data

Nominal lifetime	400 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4008321137623
Declaration no. in SCIP database	5280e35b-70e6-48e0-ac95-d834d6ba11af
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe use instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Country specific information

Product 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.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321137623	HBO 200 W/DC TM	Folding carton box 1	82 mm x 42 mm x 191 mm	0.66 dm ³	171.00 g
4008321137630	HBO 200 W/DC TM	Shipping carton box 10	305 mm x 235 mm x 200 mm	14.38 dm ³	2100.00 g

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.

Disclaimer

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