

HBO 103 W/2 10/CS 1/SKU



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

Areas of application

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

Technical data

General Product Information

Product number (Americas)	69182
Product name (Americas)	HBO 103 W/2 10/CS 1/SKU
Family brand	HBO
Lamp type	HBO103W/2
Global order reference	HBO 103 W/2

Electrical Data

Nominal wattage	103 W
Lamp voltage	17...25 V ¹⁾
Lamp current	4.0...5.0 A
Type of current	DC

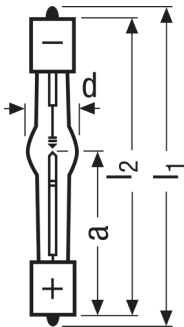
¹⁾ Initial electrical values

Photometric Data

Nominal luminous flux	2550 lm
Luminous intensity	300 cd ¹⁾
Luminous efficacy	30 lm/W
Light center length (LCL)	43.0 mm

¹⁾ Typical initial photometric value

Physical Attributes & Dimensions



Base (anode)	SFa9-2
Base (cathode)	SFa7.5-2
Diameter (in)	0.394 in
Diameter	10.0 mm
Length	90.0 mm

Product datasheet

Length with base excl. base pins/connection	82.00 mm ¹⁾
Product weight	11.00 g

¹⁾ Maximum

Operating Conditions

Burning position	s90 ¹⁾
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¹⁾ Anode underneath

Lifetime Data

Nominal lifetime	300 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4050300382128
Declaration no. in SCIP database	cbe25e5b-c77c-499d-b5cb-d98156b8d489
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.

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.

Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69182	4050300382128	FOLDING BOX	1	6.5 in x 3.7 in x 1.9 in	0.2 lb
69182	4050300507187	SHIPPING BOX	10	9.3 in x 8.9 in x 8.3 in	2.5 lb

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.