

HBO 50 W AC L1 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)	69213
Product name (Americas)	HBO 50 W AC L1 10/CS 1/SKU
Family brand	HBO
Global order reference	HBO 50 W/AC 39 V

Electrical Data

Nominal wattage	50 W
Nominal voltage	39 V
Lamp voltage	39...45 V ¹⁾
Lamp current	1.1...1.3 A
Type of current	AC

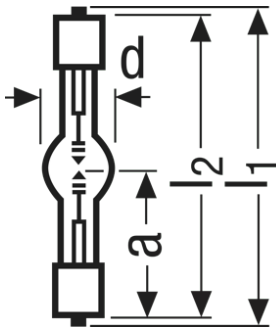
¹⁾ Initial electrical values

Photometric Data

Nominal luminous flux	2000 lm
Luminous intensity	230 cd ¹⁾
Luminous efficacy	40 lm/W
Light center length (LCL)	22.0 mm

¹⁾ Typical initial photometric value

Physical Attributes & Dimensions



Base (anode)	SFa6-2
Base (cathode)	SFa6-2
Diameter (in)	39.331 in
Diameter	10.0 mm
Length	53.0 mm

Product datasheet

Length with base excl. base pins/connection	47.00 mm ¹⁾
Product weight	3.00 g

¹⁾ Maximum

Operating Conditions

Burning position	s45 ¹⁾
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¹⁾ Observe "UP" marking

Lifetime Data

Nominal lifetime	100 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4050300629100 4050300507132
Declaration no. in SCIP database	2cdba8c8-2480-43e3-bef8-1501edfbab7b e8310b2d-6dfd-4214-99f2-54a875611416
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
69213	4050300507132	FOLDING BOX	1		
69213	4050300507149	SHIPPING BOX	10	9.3 in x 8.3 in x 8.9 in	1.8 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.