HBO 50 W/AC 39 V

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

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Technical data

Electrical data

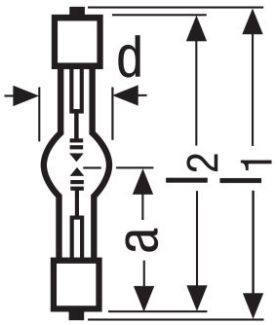
Nominal voltage	39.0 V
Type of current	AC
Rated wattage	50.00 W
Nominal wattage	50.00 W

Photometrical data

Luminous intensity	230 cd [1]

[1] Typical initial photometric value

Dimensions & weight



Diameter	10.0 mm
Mounting length	47.0 mm [1]
Length with base excl. base pins/connection	47.00 mm [1]
Light center length (LCL)	22.0 mm [2]

[1] Maximum

[2] Distance from end of base to tip of anode (cold)

Lifespan

Lifespan	100 h

Additional product data

Base anode (standard designation)	SFa6-2
Base cathode (standard designation)	SFa6-2

Capabilities

Burning position	s45 [1]

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Application	Other

[1] Observe "UP" marking

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	05-03-2024
Primary Article Identifier	4050300507132 | 4050300629100
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.
Declaration No. in SCIP database	e8310b2d-6dfd-4214-99f2-54a875611416 | 2cdba8c8-2480-43e3-bef8-1501edfbab7b

Country specific information

Product code	METEL code	SEG-No.	STK number	UK Org
4050300507132	OSRHBO50ACL1	-	4836509	-
4050300507132	OSRHBO50ACL1	-	4836509	-

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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.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300507132	HBO 50 W/AC 39 V	Folding carton box 1	- x - x -		
4050300507149	HBO 50 W/AC 39 V	Shipping carton box 10	235 mm x 210 mm x 225 mm	11.10 dm^3	796.00 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.

References / Links

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

Disclaimer

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

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