HBO 103 W/2

HBO | Mercury short-arc lamps without reflector 50...200 W



Areas of application

- Fluorescence microscopy
- UV curing
- A variety of light guide applications

Product benefits

- High radiance
- High radiant power in the UV and the visible range

Product features

- Multi-line spectrum

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Technical data

Electrical data

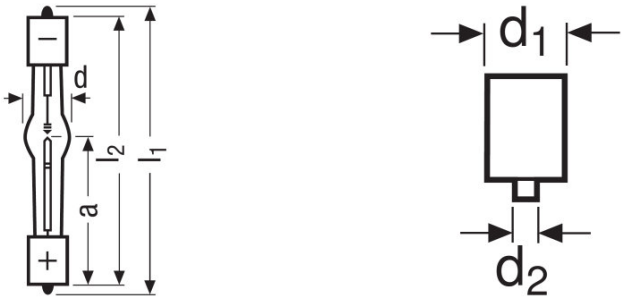
Type of current	DC
Rated wattage	100.00 W
Nominal wattage	100.00 W

Photometrical data

Nominal luminous flux	2550 lm
Luminous intensity	300 cd [1]

[1] Typical initial photometric value

Dimensions & weight



Diameter	10.0 mm
Mounting length	82.0 mm [1]
Length with base excl. base pins/connection	82.00 mm [1]
Light center length (LCL)	43.0 mm [2]

[1] Maximum

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

Lifespan

Lifespan	300 h

Additional product data

Base anode (standard designation)	SFa9-2
Base cathode (standard designation)	SFa7.5-2

Capabilities

Burning position	s90 [1]

[1] Anode underneath

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Country specific information

Product code	METEL code	SEG-No.	STK number	UK Org
4050300382128	OSRHBO1032	-	4836510	-

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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
4050300382128	HBO 103 W/2	Folding carton box 1	165 mm x 48 mm x 95 mm	0.75 dm^3	75.71 g
4050300507187	HBO 103 W/2	Shipping carton box 10	235 mm x 210 mm x 225 mm	11.10 dm^3	959.43 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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