

HBO 50 W/3

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



- 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



Technical data

Electrical data

Nominal wattage	50 W
Lamp wattage	50 W
Lamp voltage	20...26 V ¹⁾

¹⁾ Initial electrical values

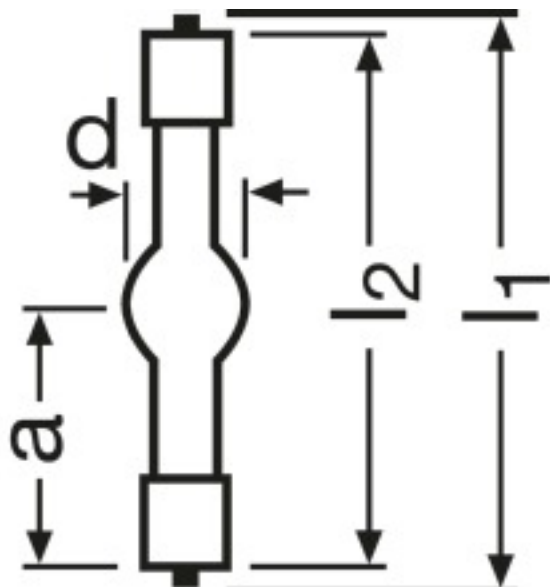
Light technical data

Nominal luminous flux	1300 lm
Luminous flux	1300 lm ¹⁾
Luminance	90000 cd/cm ² ¹⁾
Luminous intensity	150 cd ¹⁾

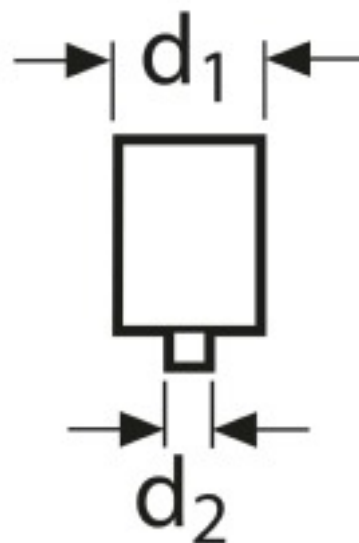
¹⁾ Typical initial photometric value

Dimensions & weight

Diameter	9.0 mm
Mounting length	47.0 mm



Product line drawing



Base

Lifespan

Lifespan	200 h
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Additional product data

Base (standard designation)	SFa8-2/8
Picto Medicine	Yes

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.



Burning position

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.