

## HBO 103 W/2

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



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

### Product benefits

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

### Product features

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- Multi-line spectrum



## Technical data

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### Electrical data

|                        |                         |
|------------------------|-------------------------|
| <b>Nominal wattage</b> | 103 W                   |
| <b>Nominal voltage</b> | 22.5 V                  |
| <b>Lamp wattage</b>    | 100 W                   |
| <b>Lamp voltage</b>    | 17...25 V <sup>1)</sup> |

<sup>1)</sup> Initial electrical values

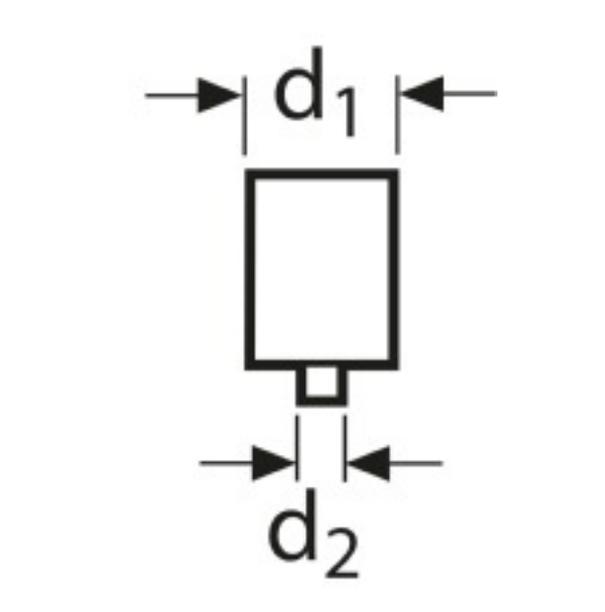
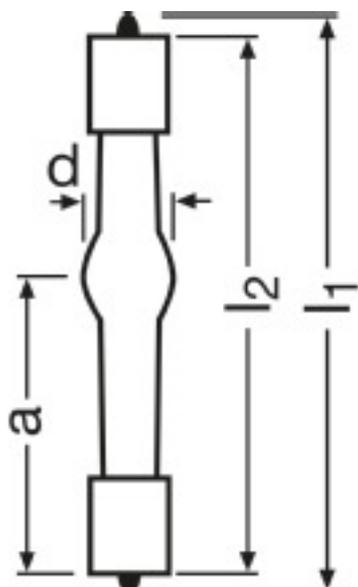
### Light technical data

|                              |                                         |
|------------------------------|-----------------------------------------|
| <b>Nominal luminous flux</b> | 2550 lm                                 |
| <b>Luminous flux</b>         | 3000 lm <sup>1)</sup>                   |
| <b>Luminance</b>             | 170000 cd/cm <sup>2</sup> <sup>1)</sup> |
| <b>Luminous intensity</b>    | 300 cd <sup>1)</sup>                    |

<sup>1)</sup> Typical initial photometric value

### Dimensions & weight

|                        |         |
|------------------------|---------|
| <b>Diameter</b>        | 10.0 mm |
| <b>Mounting length</b> | 82.0 mm |



Product line drawing

Base

**Lifespan**

|          |       |
|----------|-------|
| Lifespan | 300 h |
|----------|-------|

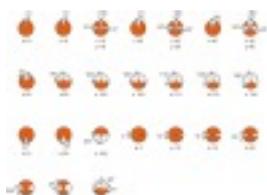
**Additional product data**

|                             |             |
|-----------------------------|-------------|
| Base (standard designation) | SFa7.5/SFa9 |
| Picto Medicine              | Yes         |

## Safety advice

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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.



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*Burning position*

## References / Links

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

## Disclaimer

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