# HBO 50 W/3

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

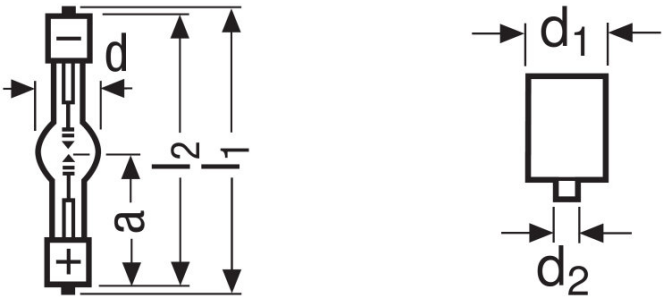
| | |
|---|---|
| **Type of current** | DC |
| **Rated wattage** | 50.00 W |
| **Nominal wattage** | 50.00 W |

### Photometrical data

| | |
|---|---|
| **Nominal luminous flux** | 1300 lm |
| **Luminous intensity** | 150 cd [1] |

[1] Typical initial photometric value

### Dimensions & weight




| | |
|---|---|
| **Diameter** | 9 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** | 200 h |

### Additional product data

| | |
|---|---|
| **Base anode (standard designation)** | SFa8-2 |
| **Base cathode (standard designation)** | SFa6-2 |

### Capabilities

| | |
|---|---|
| **Burning position** | s45 [1] |

[1] Anode underneath


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## Country specific information

| Product code | METEL code | SEG-No. | STK number | UK Org |
|---|---|---|---|---|
| 4050300506692 | OSRHBO503 | - | 4836508 | - |


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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 |
|---|---|---|---|---|---|
| 4050300506692 | HBO 50 W/3 | Folding carton box 1 | 165 mm x 48 mm x 95 mm | 0.75 $dm^3$ | 73.60 g |
| 4050300506708 | HBO 50 W/3 | Shipping carton box 10 | 235 mm x 210 mm x 225 mm | 11.10 $dm^3$ | 909.00 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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