

## HBO 5001 W/F

Other microlithography lamps up to 1,000 W



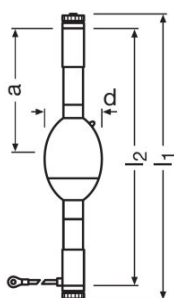
# Product datasheet

## Technical data

### Electrical data

|                 |           |
|-----------------|-----------|
| Nominal voltage | 62.0 V    |
| Nominal current | 80.0 A    |
| Type of current | DC        |
| Rated wattage   | 5000.00 W |
| Nominal wattage | 5000.00 W |

### Dimensions & weight



|   |                        |
|---|------------------------|
| Diameter                                    | 85.0 mm                |
| Length                                      | 490.0 mm               |
| Length with base excl. base pins/connection | 430.00 mm              |
| Light center length (LCL)                   | 216.0 mm <sup>1)</sup> |
| Electrode gap cold                          | 7.5 mm                 |

<sup>1)</sup> Distance from end of base to tip of anode or cathode (cold)

### Additional product data

|                                     |                           |
|-------------------------------------|---------------------------|
| Base anode (standard designation)   | SFa38-14/65 <sup>1)</sup> |
| Base cathode (standard designation) | SFXa38-14/65              |

<sup>1)</sup> With cable connection (M 10)

### Capabilities

|                  |                      |
|------------------|----------------------|
| Dimmable         | No                   |
| Cooling          | Forced <sup>1)</sup> |
| Burning position | Other <sup>2)</sup>  |

<sup>1)</sup> Maximum permissible base temperature: 200 °C / Base cooling

<sup>2)</sup> Anode underneath

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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.

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### Logistical Data

| Product code  | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume                 | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|------------------------|--------------|
| 4050300553016 | HBO 5001 W/F        | Shipping carton box<br>1     | 340 mm x 340 mm x<br>900 mm          | 104.04 dm <sup>3</sup> | 4905.00 g    |

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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.

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### Disclaimer

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

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