OSRAM

HBO 5000 W/HK

Other microlithography lamps up to 1,000 W

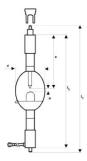## Technical data

Electrical data

Nominal voltage	70.0 V
Nominal current	72.0 A
Type of current	DC
Rated wattage	5000.00 W
Nominal wattage	5000.00 W

Dimensions & weight

Diameter	82.0 mm
Length	355.0 mm
Length with base excl. base pins/connection	302.00 mm
Light center length (LCL)	152.5 mm [1]
Electrode gap cold	7.5 mm

[1] Distance from end of base to tip of anode or cathode (cold)

Additional product data

Base anode (standard designation)	SFYa29-10/42 [1]
Base cathode (standard designation)	SFc29-20-12/42

[1] With cable connection (M 6)

Capabilities

Dimmable	No
Cooling	Forced [1]
Burning position	Other [2]

[1] Maximum permissible base temperature: 200 °C / Base cooling

[2] Anode underneath

Product datasheet

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
4050300897585	HBO 5000 W/HK	Shipping carton box 1	232 mm x 150 mm x 200 mm	6.96 dm³	6409.00 g
4050300897592	HBO 5000 W/HK	Shipping carton box 4	800 mm x 945 mm x 600 mm	453.60 dm³	25636.00 g
4050300897608	HBO 5000 W/HK	Shipping carton box 4	825 mm x 945 mm x 600 mm	467.78 dm³	25636.00 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.

Disclaimer

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