

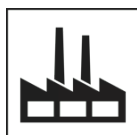
HBO 5000 W/HK

HBO Microlithography Lamps for Other Systems | Microlithography lamps for other systems



Areas of application

- Microlithography



Technical data

General Product Information

Product number (Americas)	69138
Product name (Americas)	HBO 5000W/HK 4/CS 1/SKU
Family brand	HBO

Electrical Data

Nominal wattage	5000 W
Nominal voltage	70.0 V
Nominal current	72 A
Type of current	DC

Photometric Data

Light center length (LCL)	152.5 mm
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Physical Attributes & Dimensions

Electrode gap (cold)	7.5 mm
Base (anode)	SFYa29-10/42 ¹⁾
Base (cathode)	SFc29-20-12/42
Diameter (in)	3.228 in
Diameter	82.0 mm
Length	355.0 mm
Length with base excl. base pins/connection	302.00 mm
Connector: presence	Yes
Product weight	991.00 g

¹⁾ With cable connection (M 6)

Operating Conditions

Burning position	Other ¹⁾
Cooling	Forced ²⁾

¹⁾ Anode underneath

²⁾ Maximum permissible base temperature: 200 °C / Base cooling

Lifetime Data

Nominal lifetime	850 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product datasheet

Primary article identifier	4050300897585
Date of declaration	05-09-2024
Declaration no. in SCIP database	db52bb49-e4f0-495f-9c4a-2e113c01961f
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe use instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.

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	605 mm x 319 mm x 230 mm	44.39 dm ³	3145.00 g
4050300897608	HBO 5000 W/HK	Shipping carton box 4	825 mm x 945 mm x 600 mm	467.78 dm ³	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.