

HBO 5000 W/HK

HBO-IC Microlithography lamps for other systems | Microlithography lamps for other systems

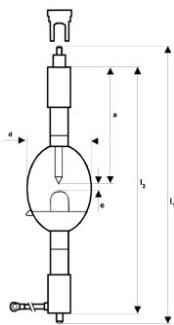


Technical data

Electrical data

Nominal voltage	700 V
Nominal current	72 A
Type of current	DC
Rated wattage	500000 W
Nominal wattage	500000 W

Dimensions & weight



Diameter	820 mm
Length	3550 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

Cooling	Forced ¹⁾
Burning position	Other ²⁾

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

²⁾ Anode underneath

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	05-03-2024
Primary Article Identifier	4050300897585
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.
Declaration No. in SCIP database	db52bb49-e4f0-495f-9c4a-2e113c01961f

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 320 mm x 230 mm	44.53 dm ³	3145.00 g
4050300897592	HBO 5000 W/HK	Shipping carton box 4	800 mm x 945 mm x 600 mm	453.60 dm ³	25636.00 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.