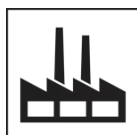


HBO 1003 W/PIL

HBO-IC Microlithography lamps for ASML i-line systems | Microlithography lamps for ASML i-line systems

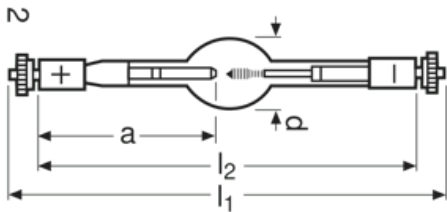


Technical data

Electrical data

Nominal voltage	27.1 V
Nominal current	25.8 A
Type of current	DC
Rated wattage	700.00 W
Nominal wattage	700 W ... 1000 W

Dimensions & weight



Diameter	29.0 mm
Length	195.0 mm
Mounting length	195.0 mm
Length with base excl. base pins/connection	167.50 mm
Light center length (LCL)	85.0 mm ¹⁾
Electrode gap cold	3.0 mm

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

Additional product data

Base anode (standard designation)	SFcX14-6/25 ¹⁾
Base cathode (standard designation)	SFc15-6/25 ²⁾

¹⁾ With cooling fins

²⁾ With thread (M6)

Capabilities

Cooling	Forced ¹⁾
Burning position	Other ²⁾

¹⁾ Maximum permissible base temperature: 200 °C

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	4050300461380 4050300967097
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	b9c92b80-c1d8-4748-8fda-1d2d66728131 31a5877e-d4ec-4106-b4a4-a38a88565ee5

Country specific information

Product code	METEL code	SEG-No.	STK-Number	UK Org
4050300461380	OSRHBO1003PIL	-	-	-
4050300461380	OSRHBO1003PIL	-	-	-

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
4050300461380	HBO 1003 W/PIL	Sliding sleeve 1	268 mm x 72 mm x 72 mm	1.39 dm ³	415.00 g
4050300461397	HBO 1003 W/PIL	Shipping carton box 8	335 mm x 185 mm x 315 mm	19.52 dm ³	3840.00 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.