

HBO 3500 W/PIL

HBO Microlithography Lamps for ASML i-line Systems | Microlithography lamps for ASML i-line systems



Areas of application

- Microlithography



Product datasheet

Technical data

General Product Information

Product number (Americas)	69117
Product name (Americas)	HBO 3500W/PIL 4/CS 1/SKU

Electrical Data

Nominal wattage	3500 W
Nominal voltage	23.0 V
Nominal current	148 A
Type of current	DC

Photometric Data

Light center length (LCL)	154.0 mm
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Physical Attributes & Dimensions

Electrode gap (cold)	4.5 mm
Base (anode)	SFaX40-6/50 ¹⁾
Base (cathode)	SFc32.5-6.7/50
Diameter (in)	3.031 in
Diameter	77.0 mm
Length	360.0 mm
Length with base excl. base pins/connection	320.00 mm
Connector: presence	Yes
Product weight	1130.00 g

¹⁾ With cooling fins and cable connection (M 10)

Operating Conditions

Burning position	Other ¹⁾
Cooling	Forced ²⁾

¹⁾ Anode on top

²⁾ Maximum permissible base temperature: 200 °C

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4008321355843
Date of declaration	05-09-2024
Declaration no. in SCIP database	34bb99bc-0897-4e24-883a-0817db1e7cd5
Candidate list substance 1	Lead

Product datasheet

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.

Country specific information

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
4008321355836	HBO 3500 W/PIL	Shipping carton box 1	800 mm x 600 mm x 825 mm	396.00 dm ³	11749.00 g
4008321355843	HBO 3500 W/PIL	Folding carton box 1	605 mm x 319 mm x 230 mm	44.39 dm ³	4582.00 g
4008321355850	HBO 3500 W/PIL	Shipping carton box 4	800 mm x 600 mm x 953 mm	457.44 dm ³	18326.00 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.