Product datasheet

HBO 2500 W/PIL

Microlithography lamps for ASML i-line systems







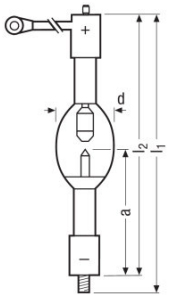
© 2018, OSRAM GmbH. All rights reserved.

Technical data

Electrical data

Nominal voltage	28.0 V
Nominal current	83.3 A
Type of current	DC
Rated wattage	2500.00 W
Nominal wattage	2500.00 W

Dimensions & weight



Diameter	62.0 mm
Length	340.0 mm
Length with base excl. base pins/connection	312.50 mm
Light center length (LCL)	149.0 mm [1]
Electrode gap cold	7.0 mm

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

Lifespan

Lifespan	1500 h

Additional product data

Base anode (standard designation)	SFa30-6/50 [1]
Base cathode (standard designation)	SFc30-6.5/50

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

Capabilities

Cooling	Forced [1]
Burning position	Other [2]

[1] Maximum permissible base temperature: 200 °C

[2] Anode on top

© 2018, OSRAM GmbH. All rights reserved.

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
4050300947396	HBO 2500 W/PIL	Folding carton box 1	840 mm x 600 mm x 790 mm	398.16 dm^3	16595.00 g
4050300947402	HBO 2500 W/PIL	Folding carton box 1	790 mm x 840 mm x 600 mm	398.16 dm^3	16595.00 g
4050300634487	HBO 2500 W/PIL	Shipping carton box 1	790 mm x 840 mm x 600 mm	398.16 dm^3	16595.00 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.

© 2018, OSRAM GmbH. All rights reserved.