

HBO 2501 W/NIL

Microlithography lamps for Nikon i-line systems



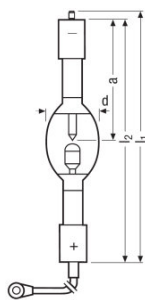
Product datasheet

Technical data

Electrical data

Nominal wattage	2501.00 W
Nominal voltage	23.0 V
Nominal current	109 A
Lamp current	109 A
Rated wattage	2500.00 W

Dimensions & weight



Diameter	70.0 mm
Length	357.0 mm

Lifespan

Lifespan	1500 h
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Additional product data

Base (standard designation)	SFc33.5-14/50
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Capabilities

Burning position	Vertical ¹⁾
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¹⁾ Anode underneath

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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
4050300628288	HBO 2501 W/NIL	Folding carton box 1	605 mm x 230 mm x 320 mm	44.53 dm ³	2894.00 g
4050300739632	HBO 2501 W/NIL	Folding carton box 4	324 mm x 594 mm x 246 mm	47.34 dm ³	2894.00 g
4050300628295	HBO 2501 W/NIL	Shipping carton box 4	799 mm x 960 mm x 599 mm	459.46 dm ³	26716.00 g
4050300947297	HBO 2501 W/NIL	Folding carton box 1	820 mm x 599 mm x 795 mm	390.49 dm ³	13600.00 g
4050300947303	HBO 2501 W/NIL	Folding carton box 1	795 mm x 820 mm x 599 mm	390.49 dm ³	13600.00 g
4050300634432	HBO 2501 W/NIL	Shipping carton box 1	825 mm x 820 mm x 599 mm	405.22 dm ³	10666.67 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.

References / Links

For further information on HBO lamps and notes for manufacturers of control gear, please refer to the following publications, available on request from OSRAM:

“Specifications for power supply units for dc operated HBO mercury short-arc lamps”

“Specifications for power supply units for ac operated HBO mercury short-arc lamps”

“Specifications for igniters for HBO mercury short-arc lamps”

“Availability of power supplies and igniters”

“Mercury short arc lamps HBO for microlithography, Technology and Application”

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.
