HBO 4300 W/NHL

Microlithography lamps for Nikon LCD systems
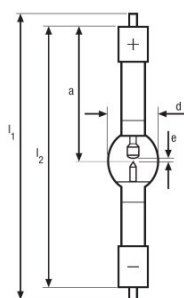
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Product datasheet

Technical data

Electrical data

Nominal wattage	4300.00 W
Nominal voltage	54.0 V
Nominal current	80.0 A
Type of current	DC
Lamp current	70.0 A

Dimensions & weight

Diameter	80.0 mm
Length	389.0 mm
Length with base excl. base pins/connection	337.00 mm
Light center length (LCL)	177.5 mm [1]
Electrode gap cold	5.0 mm

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

Lifespan

Lifespan	3000 h

Additional product data

Base (standard designation)	SFc33.5-14/1,5/50
Base anode (standard designation)	SFYc33.5-14/50
Base cathode (standard designation)	SFc33.5-12/50

Capabilities

Cooling	Forced [1]
Burning position	Vertical [2]

[1] Maximum permissible base temperature: 200 °C

Product datasheet

2) Anode on top

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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
4008321678775	HBO 4300 W/NHL	Shipping carton box 1	- x - x -		
4008321678782	HBO 4300 W/NHL	Shipping carton box 4	800 mm x 600 mm x 825 mm	396.00 dm³	19458.00 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.

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