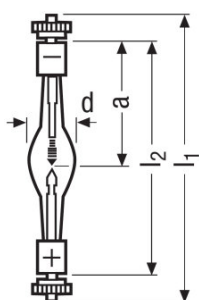
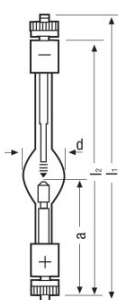


HBO-IC

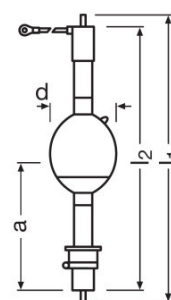
Microlithography lamps for Süss systems



Product line drawing



Product line drawing



Product line drawing



Product family datasheet

Technical data

Product description	Electrical data					Dimensions & weight	
	Nominal voltage	Nominal current	Type of current	Nominal wattage	Rated wattage	Diameter	Length
HBO 350 W/S	68.0 V	5.15 A	DC	350.00 W	350.00 W	20.0 mm	127.0 mm
HBO 1000 W/D	37.7 V	26.5 A	DC	1000.00 W	1000.00 W	40.0 mm	240.0 mm
HBO 5000 W/S ¹⁾	50.0 V	100 A	DC	5000.00 W	5000.00 W	80.0 mm	360.0 mm
HBO 1000W/DHL	45.0 V	22.2 A	DC	1000.00 W	1000.00 W	40.0 mm	206.0 mm

Product description	Length with base excl. base pins/connection	Light center length (LCL)	Electrode gap cold	Additional product data
				Base anode (standard designation)
HBO 350 W/S	127.00 mm	52.5 mm ²⁾	3.0 mm	SFcY10-4 ³⁾
HBO 1000 W/D	208.00 mm	89.5 mm ²⁾	3.0 mm	SFc15-6/25 ⁶⁾
HBO 5000 W/S ¹⁾	360.00 mm	143.5 mm ²⁾	7.5 mm	SFa33.5-9.4/50 ⁸⁾
HBO 1000W/DHL				

Product description	Base cathode (standard designation)	Capabilities		
		Dimmable	Cooling	Burning position
HBO 350 W/S	SFcY10-4 ³⁾	No	Convection ⁴⁾	Other ⁵⁾
HBO 1000 W/D	SFc15-6/25 ⁷⁾	No	Convection	Other ⁵⁾
HBO 5000 W/S ¹⁾	SFa33.5-7.85/50	No	Forced ⁹⁾	Other ¹⁰⁾
HBO 1000W/DHL		No		Other

¹⁾ Lamp contains overpressure even in cold status - additional safety regulations, supplied with the lamps, have to be fulfilled. Please read Technical bulletin DO-SEM TB 004 carefully

²⁾ Distance from end of base to tip of anode or cathode (cold)

³⁾ With 8-32 UNC-3 B thread

⁴⁾ Cooling fins on cathode base

⁵⁾ Anode underneath

⁶⁾ With thread (M 6)

⁷⁾ With thread (M6)

⁸⁾ With cable connection (M 10)

⁹⁾ Maximum permissible base temperature: 200 °C

¹⁰⁾ Anode on top

Product family datasheet

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

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