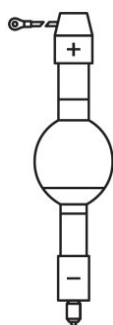


HBO-IC Microlithography lamps for Canon LCD systems

Microlithography lamps for Canon LCD systems



327101_HBO 5000WCH

HBO MERCURY VAPOUR SHORT ARC LAMPS



Product family datasheet

Technical data

Product description	Electrical data					Dimensions & weight
	Nominal voltage	Nominal current	Type of current	Rated wattage	Nominal wattage	Diameter
HBO 5000 W/CH	640 V	78 A	DC	500000 W	500000 W	800 mm
HBO 8000 W/CHL	810 V	99 A	DC	800000 W	800000 W	1050 mm
HBO 12000 W/CHL	112 V	107 A	DC	1200000 W	1200000 W	1240 mm

Product description	Length with base excl. base pins/connection	Additional product data		Capabilities
		Base anode (standard designation)	Base cathode (standard designation)	Burning position
HBO 5000 W/CH	338.00 mm	SFc33.5-50 ¹⁾	SFc33.5-12/50	Other ²⁾
HBO 8000 W/CHL	385.50 mm	SFaX40-13/50 ¹⁾	SFa40-12/45	Other ²⁾
HBO 12000 W/CHL	450.00 mm	SFaX46-14/60 ¹⁾	SFa37-16/60	Other ²⁾

Product description	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1
HBO 5000 W/CH	05-03-2024	4008321381385 4008321381934	Lead	7439-92-1
HBO 8000 W/CHL	05-03-2024	4008321545756	Lead	7439-92-1
HBO 12000 W/CHL	05-03-2024	4008321651129 4052899422322	Lead	7439-92-1

Product description	Safe Use Instruction	Declaration No. in SCIP database
HBO 5000 W/CH	The identification of the Candidate List substance is sufficient to allow safe use of the article.	6a892f46-a7cc-45de-afbd-e023484ba64d 5767a2be-1efc-43e6-b1b6-bce7aa003303
HBO 8000 W/CHL	The identification of the Candidate List substance is sufficient to allow safe use of the article.	e99f1f0e-22f8-43bf-ae0a-417bc48f22ff
HBO 12000 W/CHL	The identification of the Candidate List substance is sufficient to allow safe use of the article.	405e8bdf-87f2-46eb-9530-aa1f4ca56abe 6965d23e-72f4-4e35-a198-04b8540e751e

¹⁾ With cable connection (M 10)

Product family datasheet

2) Anode on top

Product family 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.

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.