XBO 1000 W/HSC OFR

XBO Traditional & Xtreme Life (XL) Lamps



Areas of application

- Film Projection
- Spotlights
- Searchlights
- Solar Simulation

Product features and benefits

- High luminance for brighter screen illumination
- Consistent performance with constant 6000 K color temperature
- Continuous spectrum in the visible range
- High arc stability
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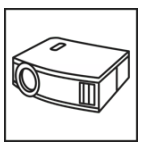
- Dimmable over a wide range
- Hot restart
- Long lamp life with eXtreme Life technology







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Technical data

General Product Information

Product number (Americas)	69264
Product name (Americas)	XBO 1000W/HSC 1/CS 1/SKU
Lamp type	XENON
Product remark	OFR = Ozone-free version/H = Suitable for horizontal burning position/S = Short/C= Base with cable
Global order reference	XBO 1000 W/HSC OFR

Electrical Data

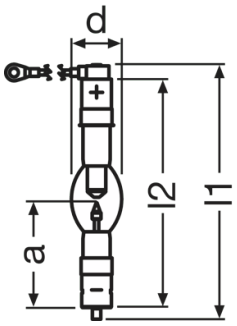
Nominal wattage	1000 W
Nominal current	50 A
Current control range	30...55 A

Photometric Data

Luminance	60000 cd/cm² [1)]
Nominal luminous flux	32000 lm
Color temperature	6000 K
Color rendering index Ra	98
Light center length (LCL)	95.0 mm

[1)] Measured in the vertical burning position

Physical Attributes & Dimensions



Electrode gap (cold)	3.6 mm
Base (anode)	SK27/50
Base (cathode)	SFcX27-8
Diameter (in)	1.575 in
Diameter	40.0 mm

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Length	236.0 mm
Length with base excl. base pins/connection	220.00 mm
Connector: presence	Yes
Product weight	303.00 g

Operating Conditions

Burning position	s20/p20 [1)]
Cooling	Forced
Max. permitted ambient temp. pinch point	230 °C

[1)] For vertical burning position: anode (+) on top

Lifetime Data

Nominal lifetime	1500 hr
Warranty hours	2000 hrs

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4008321082107
Declaration no. in SCIP database	f094a128-1489-4dbf-8649-bb523f769078
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe use instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Country specific information

Product code	METEL code	SEG-No.	STK number	UK Org
4008321082107	OSRXBO1000HSCOFR	-	4836356	-

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Safety advice

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Xenon lamps are highly explosive. When hot, xenon lamps can cause burn marks. They should only be handled when the lamp is at room temperature. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face shield with neck protector, protective jacket and lint-free, cut-resistant gloves). For more information see the relevant in-pack leaflets and operating instructions.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321082107	XBO 1000 W/HSC OFR	Shipping carton box 1	410 mm x 184 mm x 180 mm	13.58 dm^3	867.00 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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