

XBO 1000 W/HS OFR

XBO Traditional & Xtreme Life (XL) Lamps | Traditional high performance xenon lamps for search lights, spotlights, solar simulation, and film projection

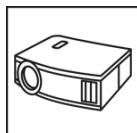
Areas of application

- Film Projection
- Spotlights
- Searchlights
- Solar Simulation



Product features and benefits

- High luminance (point source)
- Color temperature approximately 6000K - simulates daylight
- Continuous spectrum in the visible range
- High color rendering > 95
- High arc stability
- DC operation
- Hot restart
- Long lamp life with eXtreme Life technology



Technical data

General Product Information

Product number (Americas)	69263
Product name (Americas)	XBO 1000W/HS 1/CS 1/SKU
Lamp type	XENON
Product remark	OFR = Ozone-free version/H = Suitable for horizontal burning position/S = Short
Global order reference	XBO 1000 W/HS OFR

Electrical Data

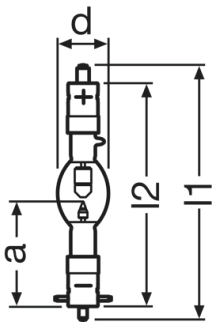
Nominal wattage	1000 W
Nominal current	50 A
Current control range	30...55 A

Photometric Data

Luminance	60000 cd/cm ² 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)	SFa27-11
Base (cathode)	SFcX27-8
Diameter	40.0 mm
Diameter (in)	1.614 in

Product datasheet

Diameter	40.0 mm
Length	235.0 mm
Length with base excl. base pins/connection	205.00 mm
Product weight	255.00 g

Operating Conditions

Burning position	s20/p20 ¹⁾
Cooling	Forced ²⁾
Max. permitted ambient temp. pinch point	230 °C

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

2) Vertical and horizontal

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	4008321082114
Declaration no. in SCIP database	22b5c075-11fc-41b0-ad60-dec034d8f30c
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
4008321082114	OSRXBO1000HSOFR	-	-	-

Product datasheet

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
4008321082114	XBO 1000 W/HS OFR	Shipping carton box 1	410 mm x 184 mm x 180 mm	13.58 dm ³	819.00 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.