

XBO 2000 W/HS OFR

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

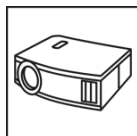


Areas of application

- 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)	69270
Product name (Americas)	XBO 2000W/HS 1/CS 1/SKU
Product remark	H = Suitable for horizontal burning position/S = Short
Global order reference	XBO 2000 W/HS OFR

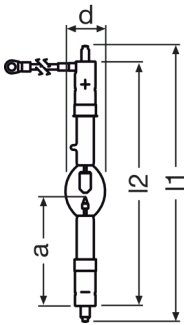
Electrical Data

Nominal wattage	2000 W
Nominal voltage	24.0 V
Nominal current	80 A
Current control range	50...85 A

Photometric Data

Light center length (LCL)	145.0 mm
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Physical Attributes & Dimensions



Electrode gap (cold)	5.0 mm
Base (anode)	SFaX27-9.5
Base (cathode)	SFa27-7.9
Diameter (in)	2.362 in
Diameter	60.0 mm
Length	302.0 mm
Length with base excl. base pins/connection	302.00 mm
Connector: presence	Yes
Product weight	490.00 g

Operating Conditions

Product datasheet

Burning position	s30/p30 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	2400 hr
Warranty hours	2400 hrs

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4008321081360 4062172030359
Declaration no. in SCIP database	e8ef51c8-36d5-458d-aa43-bff7de28bede
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
4008321081360	OSRXBO2000HSOFR	-	-	-

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
4008321081360	XBO 2000 W/HS OFR	Shipping carton box 1	500 mm x 200 mm x 204 mm	20.40 dm ³	1247.00 g
4062172030359	XBO 2000 W/HS OFR	Shipping carton box 1	500 mm x 204 mm x 204 mm	20.81 dm ³	1286.00 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.