

XBO 2500 W/HS XL OFR

XBO Traditional & Xtreme Life (XL) Lamps

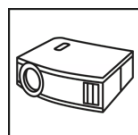
Areas of application

- 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



Technical data

General Product Information

Product number (Americas)	69507
Product name (Americas)	XBO 2500W/HS XL 1/CS 1/SKU
Global order reference	XBO 2500 W/HS XL OFR

Electrical Data

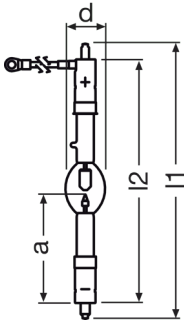
Nominal wattage	2500 W
Nominal voltage	28 V
Nominal current	90 A
Current control range	70...100 A

Photometric Data

Luminance	80000 cd/cm ² ¹⁾
Light center length (LCL)	145.0 mm

¹⁾ Measured in the vertical burning position

Physical Attributes & Dimensions



Electrode gap (cold)	5.5 mm
Base (anode)	SFaX27-9.5
Base (cathode)	SFa27-7.9
Diameter	60.0 mm
Diameter (in)	2.362 in
Diameter	60.0 mm
Length	342.0 mm
Length with base excl. base pins/connection	302.00 mm
Connector: presence	Yes
Product weight	571.00 g

Operating Conditions

Burning position	s30/p30 ¹⁾
Cooling	Forced
Max. permitted ambient temp. pinch point	230 °C

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

Lifetime Data

Nominal lifetime	2200 hr
Warranty hours	2200 hrs

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4062172030250 4008321299963
Declaration no. in SCIP database	ea7f9ace-f767-4dd4-8383-1b55f8e488b7
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.

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
4062172030250	XBO 2500 W/HS XL OFR	Shipping carton box 1	500 mm x 204 mm x 204 mm	20.81 dm ³	1367.00 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.