

XBO 2000 W/HTP XL OFR

XBO Traditional & Xtreme Life (XL) Lamps

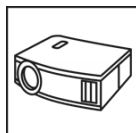


Areas of application

- 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 color rendering > 95
- High arc stability
- DC operation
- Hot restart
- Long lamp life with eXtreme Life technology



Product datasheet

Technical data

General Product Information

Product number (Americas)	69495
Product name (Americas)	XBO 2000W/HTP XL 1/CS 1/SKU
Global order reference	XBO 2000 W/HTP XL OFR

Electrical Data

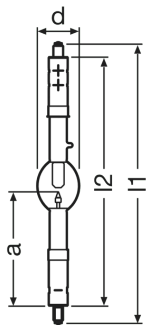
Nominal wattage	2000 W
Nominal voltage	28 V
Nominal current	70 A
Current control range	50...85 A

Photometric Data

Luminance	75000 cd/cm ² ¹⁾
Nominal luminous flux	80000 lm
Color temperature	6000 K
Color rendering index Ra	98
Light center length (LCL)	142.5 mm

¹⁾ Measured in the vertical burning position

Physical Attributes & Dimensions



Electrode gap (cold)	5.8 mm
Base (anode)	SFa25-14
Base (cathode)	SFc25-14
Diameter (in)	2.047 in
Diameter	52.0 mm
Length	375.0 mm
Length with base excl. base pins/connection	322.00 mm

Product datasheet

Product weight	452.00 g
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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	3500 hr
Warranty hours	3500 hrs

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4008321244031
Declaration no. in SCIP database	6289c378-8cb7-40d8-bd67-f74e947878c5
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
4008321244031	OSRXBO2000HTPXL	-	-	-

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
4008321244031	XBO 2000 W/HTP XL OFR	Shipping carton box 1	590 mm x 234 mm x 229 mm	31.62 dm ³	1452.00 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.
