

XBO 6000 W/HS XL OFR

XBO Traditional & Xtreme Life (XL) Lamps

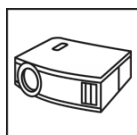


Areas of application

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



Product datasheet

Technical data

General Product Information

Global order reference	XBO 6000 W/HS XL OFR
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Electrical Data

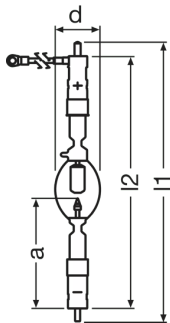
Nominal wattage	6000 W
Nominal voltage	37 V
Nominal current	160 A
Current control range	110...165 A

Photometric Data

Luminance	105000 cd/cm ² ¹⁾
Light center length (LCL)	170.5 mm

¹⁾ Measured in the vertical burning position

Physical Attributes & Dimensions



Electrode gap (cold)	9.0 mm
Base (anode)	SFaX30-9.5
Base (cathode)	SFa30-7.9
Diameter (in)	3.071 in
Diameter	78.0 mm
Length	436.0 mm
Length with base excl. base pins/connection	393.00 mm
Connector: presence	Yes
Product weight	1025.00 g

Operating Conditions

Burning position	s15/p15 ¹⁾
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Product datasheet

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	750 hr
Warranty hours	750 hrs

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4008321412904 4062172030618
Declaration no. in SCIP database	ff65d599-ce0d-4b3f-b2e1-ecbcefe3d8f1
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
4062172030618	XBO 6000 W/HS XL OFR	Shipping carton box 1	590 mm x 234 mm x 234 mm	32.31 dm ³	2174.00 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.
