

## XBO 1600 W/HSC XL OFR

XBO Traditional & Xtreme Life (XL) Lamps



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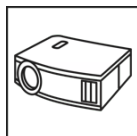
### Areas of application

- Film Projection
- Spotlights
- Searchlights
- Solar Simulation

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### 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)	69525
Product name (Americas)	XBO 1600W/HSC XL 1/CS 1/SKU
Lamp type	XENON
Global order reference	XBO 1600 W/HSC XL OFR

### Electrical Data

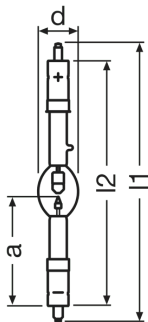
Nominal wattage	1600 W
Nominal voltage	23 V
Nominal current	65 A
Current control range	50...70 A

### Photometric Data

Luminance	70000 cd/cm <sup>2</sup> <sup>1)</sup>
Nominal luminous flux	70000 lm
Color temperature	6000 K
Color rendering index Ra	98
Light center length (LCL)	95.0 mm

<sup>1)</sup> Measured in the vertical burning position

### Physical Attributes & Dimensions



Electrode gap (cold)	3.8 mm
Base (anode)	SK27/50
Base (cathode)	SFcX27-8
Diameter (in)	1.811 in
Diameter	46.0 mm
Length	236.0 mm

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Length with base excl. base pins/connection	222.00 mm
Connector: presence	Yes
Product weight	321.00 g

### Operating Conditions

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

<sup>1)</sup> For vertical burning position: anode (+) on top

### Lifetime Data

Nominal lifetime	3500 hr
Warranty hours	2500 hrs

### Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4008321299932   4062172031721
Declaration no. in SCIP database	7a9913f5-169b-4ced-8b20-4a10b8b6fd73   49877f08-b6d6-461c-b64a-018655e8a602
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.

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### 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.

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172031721	XBO 1600 W/HSC XL OFR	Shipping carton box 1	410 mm x 184 mm x 180 mm	13.58 dm <sup>3</sup>	910.00 g

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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.

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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