

## XBO 1600W/HSC XL 1/CS 1/SKU



### 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

### Areas of application

- Film Projection
- Spotlights
- Searchlights
- Solar Simulation

# Product datasheet

## Technical data

### General Product Information

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

### Electrical Data

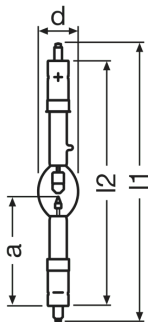
Nominal wattage	1600 W
Nominal voltage	23.0 V
Nominal current	65 A
Current control range	50...70 A

### 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
Date of declaration	14-10-2024
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	Die Bezeichnung des Stoffes der Kandidatenliste reicht aus für den sicheren Gebrauch des Produktes.

### 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.

### Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69525	4062172031721	SHIPPING BOX	1	16.1 in x 7.2 in x 7.1 in	2 lb

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.