

## XBO 4000 W/HSA OFR

XBO for cinema projection | Xenon short-arc lamps 450...10,000 W



### Areas of application

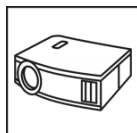
- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light ("Light Finger")
- Sunlight simulation

### Product family benefits

- Short arc with very high luminance for brighter screen illumination
- Constant color temperature of 6,000 K throughout the entire lamp lifetime
- Easy to maintain
- High arc stability
- Instant light on screen thanks to hot restart function
- Wide dimming range

### Product family features

- Color temperature: approx. 6,000 K (Daylight)
- Wattage: 450...10,000 W
- Very good color rendering index:  $R_a >$



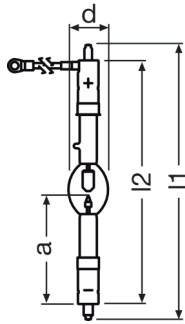
# Product datasheet

## Technical data

### Electrical data

Nominal current	13500 A
Current control range	80...150 A
Nominal wattage	4000.00 W
Nominal voltage	29.0 V

### Dimensions & weight



Diameter	70.0 mm
Length	416.0 mm
Length with base excl. base pins/connection	370.00 mm
Light center length (LCL)	171.0 mm <sup>1)</sup>
Cable/wire length, input side	400 mm
Electrode gap cold	6.6 mm
Product weight	1022.90 g
Cable length	400.0

<sup>1)</sup> Distance from end of base to tip of electrode (cold)

### Temperatures & operating conditions

Max. permitted ambient temp. pinch point	230 °C
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### Lifespan

Lifespan	1000 h
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### Additional product data

Base anode (standard designation)	SFaX30-9.5
Base cathode (standard designation)	SFa30-7.9

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### Capabilities

<b>Cooling</b>	Forced <sup>1)</sup>
<b>Burning position</b>	s20/p20 <sup>2)</sup>

<sup>1)</sup> Vertical and horizontal

<sup>2)</sup> For vertical burning position: anode (+) on top

### Environmental information

<b>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)</b>	
<b>Date of Declaration</b>	05-03-2024
<b>Primary Article Identifier</b>	4008321337030   4008321412980
<b>Candidate List Substance 1</b>	Lead
<b>CAS No. of substance 1</b>	7439-92-1
<b>Safe Use Instruction</b>	The identification of the Candidate List substance is sufficient to allow safe use of the article.
<b>Declaration No. in SCIP database</b>	0b6df52f-0b97-4d4d-bcc0-6d1dab9f13b9

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321412980	XBO 4000 W/HSA OFR	Shipping carton box 1	590 mm x 234 mm x 229 mm	31.62 dm <sup>3</sup>	2109.00 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.

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### Disclaimer

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