

## XBO 450 W/4

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



### Areas of application

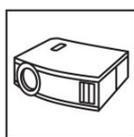
- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light ("Light Finger")
- Sunlight simulation

### 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:  $R_a >$



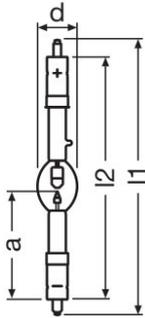
# Product datasheet

## Technical data

### Electrical data

Nominal current	25 A
Current control range	17...30 A
Nominal wattage	450.00 W
Nominal voltage	17.0 V

### Dimensions & weight



Diameter	29.0 mm
Length	260.0 mm
Length with base excl. base pins/connection	212.00 mm
Light center length (LCL)	95.5 mm <sup>1)</sup>
Electrode gap cold	2.8 mm
Product weight	119.00 g

<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	2000 h
Service Warranty Lifetime	2500 h

### Additional product data

Base anode (standard designation)	SFa20-8
Base cathode (standard designation)	SFa20-10

### Capabilities

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<b>Cooling</b>	Forced <sup>1)</sup>
<b>Burning position</b>	s30 <sup>2)</sup>

<sup>1)</sup> Fan

<sup>2)</sup> Anode on top

### Environmental information

<b>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)</b>	
<b>Date of Declaration</b>	13-01-2023
<b>Primary Article Identifier</b>	4006584412990
<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>	03036e52-e60a-4854-a533-3c0919ce1e3f

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### Disclaimer

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