

XBO 500 W/H 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: $R_a >$

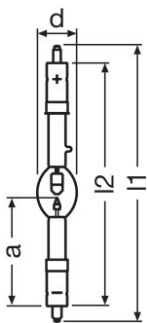


Technical data

Electrical data

Nominal current	28 A
Current control range	17...30 A
Nominal wattage	50000 W
Nominal voltage	170 V

Dimensions & weight



Diameter	350 mm
Length	1900 mm
Length with base excl. base pins/connection	165.00 mm
Light center length (LCL)	75.0 mm ¹⁾
Electrode gap cold	2.8 mm
Product weight	9400 g

¹⁾ 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)	SFa16-8
Base cathode (standard designation)	SFa15-10
Product remark	OFR = Ozone-free version/H = Suitable for horizontal burning position

Capabilities

Cooling	Forced ¹⁾
Burning position	s30/p30 ²⁾

¹⁾ Vertical and horizontal
²⁾ For vertical burning position: anode (+) on top

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	09-06-2023
Primary Article Identifier	4008321082503 4050300770932
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.
Declaration No. in SCIP database	fc32df63-0720-46dc-a2a0-e0056e15e2f5

Disclaimer

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