

XBO 450 W

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: $R_a >$

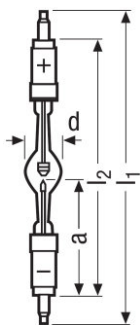


Technical data

Electrical data

Nominal current	25.00 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 ¹⁾
Electrode gap cold	2.8 mm
Product weight	129.00 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)	SFa20-8
Base cathode (standard designation)	SFa20-10
Product remark	Also available in ozone-free version: XBO 450 W OFR/Also available in Suprasil quartz version: XBO 450 W/4

Capabilities

Cooling	Forced
Burning position	s30 ¹⁾

¹⁾ Anode on top

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	01-01-2022
Primary Article Identifier	4008321082640 4008321023100
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	231c753e-fa93-4f0a-a41c-bc7429f45ad6

Disclaimer

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