

XBO 2500 W/HS XL 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	9000 A
Current control range	70...100 A
Nominal wattage	250000 W
Nominal voltage	280 V

Dimensions & weight



Diameter	600 mm
Length	3420 mm
Length with base excl. base pins/connection	302.00 mm
Light center length (LCL)	145.0 mm ¹⁾
Cable/wire length, input side	300 mm
Electrode gap cold	5.5 mm
Product weight	57100 g
Cable length	3000

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	2200 h
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Additional product data

Base anode (standard designation)	SFaX27-9.5
Base cathode (standard designation)	SFa27-7.9

Capabilities

Cooling	Forced
Burning position	s30/p30 ¹⁾

¹⁾ For vertical burning position: anode (+) on top

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	05-03-2024
Primary Article Identifier	4008321299963 4062172030250
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	ea7f9ace-f767-4dd4-8383-1b55f8e488b7

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172030250	XBO 2500 W/HS XL OFR	Shipping carton box 1	500 mm x 204 mm x 204 mm	20.81 dm ³	1367.00 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.

Disclaimer

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