

XBO 5000 W/HBM 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	140 A
Current control range	100...150 A
Nominal wattage	5000.00 W
Nominal voltage	34.0 V

Dimensions & weight



Diameter	70.0 mm
Length	439.0 mm
Length with base excl. base pins/connection	393.00 mm
Light center length (LCL)	170.5 mm ¹⁾
Cable/wire length, input side	400 mm
Electrode gap cold	7.5 mm
Product weight	1022.90 g
Cable length	400.0

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	1200 h
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Additional product data

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

Capabilities

Cooling	Forced ¹⁾
Burning position	p15 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	05-03-2024
Primary Article Identifier	4008321334916 4008321412836
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	72c018af-3320-4320-a45d-d7545789b35e

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321334916	XBO 5000 W/HBM XL OFR	Shipping carton box 1	590 mm x 234 mm x 229 mm	31.62 dm ³	2109.00 g
4008321412836	XBO 5000 W/HBM XL OFR	Shipping carton box 1	590 mm x 234 mm x 229 mm	31.62 dm ³	2021.00 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.