Product datasheet

XBO 6000 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

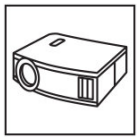
- Short arc with very high luminance for brighter screen illumination
- Constant color temperature of 6,000 K throughout the entire lamp lifetime
- Easy to maintain
- High arc stability
- Instant light on screen thanks to hot restart function
- Wide dimming range

Product family features

- Color temperature: approx. 6,000 K (Daylight)
- Wattage: 450...10,000 W
- Very good color rendering index: R_a >







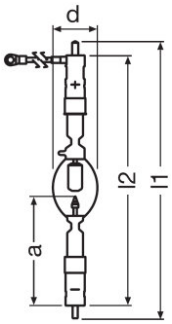
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Technical data

Electrical data

Nominal current	160 A
Current control range	110…165 A
Nominal wattage	6000.00 W
Nominal voltage	37.0 V

Dimensions & weight



Diameter	78.0 mm
Length	436.0 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	9.0 mm
Product weight	1025.00 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

Lifespan

Lifespan	750 h

Additional product data

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

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Capabilities

Cooling	Forced [1]
Burning position	s15/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	4008321412904 | 4062172030618
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	ff65d599-ce0d-4b3f-b2e1-ecbcefe3d8f1

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172030618	XBO 6000 W/HS XL OFR	Shipping carton box 1	590 mm x 234 mm x 234 mm	32.31 dm^3	2069.00 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.

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