Product datasheet

XBO 1600 W XL OFR

XBO for cinema projection | Xenon short-arc lamps 450...10,000 W

Areas of application

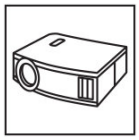
- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light (“Light Finger”)
- Sunlight simulation

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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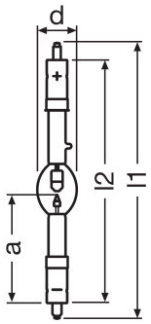
Technical data

Electrical data

Nominal current	65 A
Current control range	45...75 A
Nominal wattage	160000 W
Nominal voltage	240 V

Dimensions & weight



Diameter	520 mm
Length	3700 mm
Length with base excl. base pins/connection	322.00 mm
Light center length (LCL)	143.0 mm [1)]
Cable/wire length, input side	-
Electrode gap cold	4.8 mm
Product weight	41800 g

[1)] Distance from end of base to tip of electrode (cold)

Temperatures & operating conditions

Max. permitted ambient temp. pinch point	230 °C

Lifespan

Lifespan	3500 h

Additional product data

Base anode (standard designation)	SFaX27-10
Base cathode (standard designation)	SFa27-12

Capabilities

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Cooling	Forced
Burning position	Other [1]

[1] 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	4008321299918 | 4062172031714
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	c83dcc90-6023-4924-b0d8-b34998daa554

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172031714	XBO 1600 W XL OFR	Shipping carton box 1	410 mm x 184 mm x 180 mm	13.58 dm^3	890.00 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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