

XBO 10000 W/HS OFR

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



Areas of application

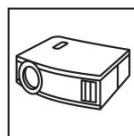
- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light ("Light Finger")
- Sunlight simulation

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: $R_a >$



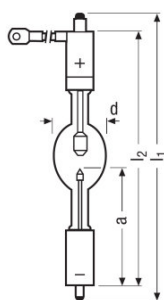
Product datasheet

Technical data

Electrical data

Nominal current	195 A
Lamp current	195 A
Current control range	160...200 A
Nominal wattage	10000.00 W
Nominal voltage	51.0 V

Dimensions & weight



Diameter	90.0 mm
Length	436.0 mm
Length with base excl. base pins/connection	393.00 mm
Light center length (LCL)	170.5 mm ¹⁾
Electrode gap cold	13.5 mm
Product weight	1320.70 g
Cable length	400.0 mm

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	500 h
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Additional product data

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

Product datasheet

Product remark	OFR = Ozone-free version/H = Suitable for horizontal burning position/S = Short
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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

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172030724	XBO 10000 W/HS OFR	Shipping carton box 1	590 mm x 234 mm x 234 mm	32.31 dm ³	2386.00 g
4062172030731	XBO 10000 W/HS OFR	Shipping carton box 1	590 mm x 234 mm x 234 mm	32.31 dm ³	2356.00 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.