

XBO 2000 W/HTP 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: $R_a >$

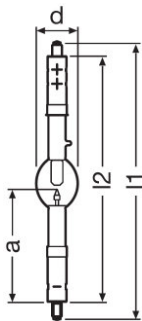


Technical data

Electrical data

Nominal current	7000 A
Current control range	50...85 A
Nominal wattage	200000 W
Nominal voltage	280 V

Dimensions & weight



Diameter	520 mm
Length	3750 mm
Length with base excl. base pins/connection	322.00 mm
Light center length (LCL)	142.5 mm ¹⁾
Cable/wire length, input side	-
Electrode gap cold	5.8 mm
Product weight	45200 g

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	3500 h
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Additional product data

Base anode (standard designation)	SFa25-14
Base cathode (standard designation)	SFc25-14

Capabilities

Product datasheet

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	4008321244031 4008321650429
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	6289c378-8cb7-40d8-bd67-f74e947878c5

Country specific information

Product code	METEL code	SEG-No.	STK-Number	UK Org
4008321244031	OSRXBO2000HTPXL	-	-	-

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321244031	XBO 2000 W/HTP XL OFR	Shipping carton box 1	590 mm x 234 mm x 229 mm	31.62 dm ³	1944.00 g
4008321650429	XBO 2000 W/HTP XL OFR	Shipping carton box 1	590 mm x 234 mm x 229 mm	31.62 dm ³	1538.00 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.