

XBO 1000 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: $R_a >$

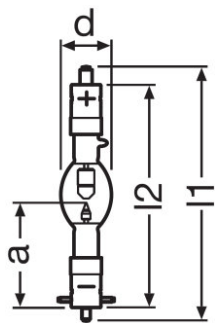


Technical data

Electrical data

Nominal current	50 A
Current control range	30...55 A
Nominal wattage	100000 W
Nominal voltage	190 V

Dimensions & weight



Diameter	400 mm
Length	2350 mm
Length with base excl. base pins/connection	205.00 mm
Light center length (LCL)	95.0 mm ¹⁾
Electrode gap cold	3.6 mm
Product weight	25500 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	2000 h
Service Warranty Lifetime	3000 h

Additional product data

Base anode (standard designation)	SFa27-11
Base cathode (standard designation)	SFcX27-8
Product remark	OFR = Ozone-free version/H = Suitable for horizontal burning position/S = Short

Product datasheet

Capabilities

Cooling	Forced ¹⁾
Burning position	s20/p20 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	4008321082114 4050300933566
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	22b5c075-11fc-41b0-ad60-dec034d8f30c

Country specific information

Product code	METEL code	SEG-No.	STK-Number	UK Org
4008321082114	OSRXBO1000HSOFR	-	-	-

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321082114	XBO 1000 W/HS OFR	Shipping carton box 1	410 mm x 184 mm x 180 mm	13.58 dm ³	819.00 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.