Product datasheet

XBO 500 W/H OFR

XBO | 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 benefits

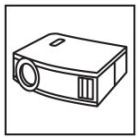
- Short arc with very high luminance for brighter screen illumination
- Constant color temperature of 6,000 K throughout the entire lamp lifetime
- Easy to maintain
- High arc stability
- Instant light on screen thanks to hot restart function
- Wide dimming range

Product features

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







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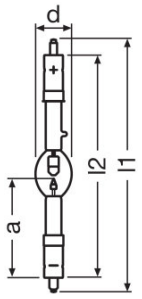
Technical data

Electrical data

Nominal current	28.0 A
Lamp current	28.0 A
Current control range	17...30 A
Nominal wattage	500.00 W
Nominal voltage	17.0 V

Dimensions & weight



Diameter	35.0 mm
Length	190.0 mm
Length with base excl. base pins/connection	165.00 mm
Light center length (LCL)	75.0 mm [1)]
Electrode gap cold	2.8 mm
Product weight	1104.00 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	2000 h

Additional product data

Base anode (standard designation)	SFa16-8
Base cathode (standard designation)	SFa15-10
Product remark	OFR = Ozone-free version/H = Suitable for horizontal burning position

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Capabilities

Cooling	Forced [1]
Burning position	Other [2]

[1] Vertical and horizontal

[2] For vertical burning position: anode (+) on top

Country specific information

Product code	METEL code	SEG-No.	STK number	UK Org
4008321082503	OSRXBO500HOFR	-	4836342	-

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321082503	XBO 500 W/H OFR	Shipping carton box 1	410 mm x 180 mm x 184 mm	13.58 dm^3	615.67 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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