OSRAM

XBO 2000 W/DTS OFR

XBO DTP | Xenon short-arc lamps for digital cinema projection
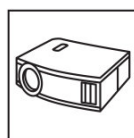

Areas of application

– 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

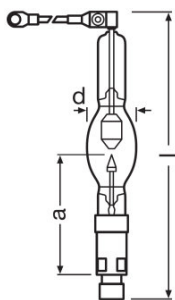– Wattage: 1,200...8,000 W
– Very good color rendering index: R_a >

Electrical data

Nominal wattage	2000.00 W
Lamp voltage	25 V
Current control range	60...90 A

Dimensions & weight

Diameter	46.0 mm
Length	245.0 mm
Length with base excl. base pins/connection	202.00 mm
Light center length (LCL)	100.5 mm [1]
Electrode gap cold	3.7 mm
Product weight	350.00 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	1100 h

Additional product data

Base anode (standard designation)	Cable
Base cathode (standard designation)	SFc27-20

Capabilities

Cooling	Forced
Burning position	s15/p15 [1]

Product datasheet

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Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899308862	XBO 2000 W/DTS OFR	Shipping carton box 1	500 mm x 204 mm x 200 mm	20.40 dm³	718.00 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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