Product datasheet

XBO 100 W OFR

XBO Xenon short-arc lamps without reflector | Xenon short-arc lamps without reflector

Product family benefits

- Very high luminance (point light source)
- Continual color quality, irrespective of lamp type and lamp wattage
- Constant light color throughout the life of the lamp
- Long lamp life

Product family features

- Color temperature: approx. 6,000 K (Daylight)
- High color rendering index: R_a >
- Continuous spectrum in the visible range
- High arc stability
- Hot restart capability
- Dimmable
- Instant light on starting

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Technical data

Electrical data

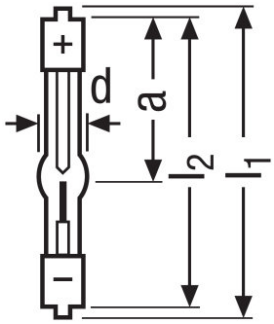
Lamp wattage	85 W
Lamp current	7.0...7.4 A
Type of current	DC

Photometrical data

Nominal luminous flux	1900 lm
Luminous intensity	270 cd [1]
Luminance	31000 cd/cm² [1]

[1] Typical initial photometric value

Dimensions & weight



Length	90.0 mm
Length with base excl. base pins/connection	82.00 mm
Product weight	12.00 g

Lifespan

Lifespan	500 h

Additional product data

Base anode (standard designation)	SFa9-2
Base cathode (standard designation)	SFa7.5-2

Capabilities

Cooling	Convection
Burning position	s100 [1]
Application	Other

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[1] If vertical, then anode on top; up to 10° below horizontal, cathode on top

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	05-03-2024
Primary Article Identifier	4008321386328
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	ac5c5363-ba12-4018-9516-c8896069720e

Country specific information

Product code	METEL code	SEG number	STK-Number	UK Org
4008321386328	OSRXBO100OFR	8333500	-	-
4008321386328	OSRXBO100OFR	8333500	-	-

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Safety advice

Because of their high luminance, UV radiation and high internal pressure in both the hot and cold state, XBO lamps must only be operated in appropriate enclosed casings. Always use the protective jackets supplied when handling these lamps. They may only be used as open lamps if appropriate safety measures are taken. More information is available on request or can be found in the leaflet included with the lamp or the operating instructions.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321386328	XBO 100 W OFR	Folding carton box 1	165 mm x 95 mm x 48 mm	0.75 dm^3	92.00 g
4008321386335	XBO 100 W OFR	Shipping carton box 10	235 mm x 225 mm x 210 mm	11.10 dm^3	1148.00 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.

References / Links

Further technical information on XBO lamps and information for manufacturers of operating equipment can be requested directly from OSRAM.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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