

XBO R 100 W/45 C

XBO R $\leq$ 450W with Reflector



Areas of application

- Endoscopy
- Microscopy
- Surgical Headlamps
- Fiber Illumination
- Solar Simulation
- Imaging & Scanning

Product features and benefits

- High luminance / radiance with intense point source
- Color temperature approximately 6000 K (daylight) consistent through the life of the lamp
- High color rendering index: $R_a >$
- High arc stability
- DC operation
- Hot restart capability
- Dimmable over a wide range
- Long lamp life



Technical data

General Product Information

Product number (Americas)	69191
Product name (Americas)	XBO R 100W/45C OFR 2/CS 1/SKU
Family brand	XBO
Product remark	OFR = Ozone-free version
Global order reference	XBO R 100 W/45 C

Electrical Data

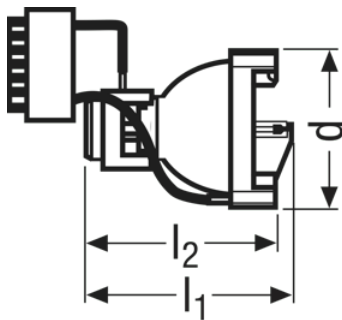
Nominal wattage	100 W
Nominal voltage	13 V
Lamp voltage	12...14 V ¹⁾
Nominal current	7.2 A
Lamp current	7.0...7.4 A
Type of current	DC

¹⁾ Initial voltage range

Photometric Data

Nominal luminous flux	530 lm
Color temperature	6000 K
Color rendering index Ra	98
Focal length	45.0 mm

Physical Attributes & Dimensions



Lamp base	FaXP2.5-2x65
Diameter (in)	2.520 in
Diameter	64.0 mm
Length	93.0 mm

Product datasheet

Connector: presence	Yes
Product weight	82.50 g

Operating Conditions

Burning position	p20
Cooling	Forced

Lifetime Data

Average life - horizontal	500 hr
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Additional product data

Product remark	OFR = Ozone-free version
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4050300367767
Declaration no. in SCIP database	73407a33-6ed3-4b8a-9bb2-de48a2df4448
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.

Country specific information

Product code	METEL code	SEG-No.	STK-Number	UK Org
4050300367767	OSRXBOR10045COFR	-	-	-

Product datasheet

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
4050300367767	XBO R 100 W/45 C	Folding carton box 1	87 mm x 87 mm x 103 mm	0.78 dm ³	121.00 g
4050300367774	XBO R 100 W/45 C	Shipping carton box 2	186 mm x 96 mm x 115 mm	2.05 dm ³	287.00 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.