

## XBO R 100 W/45 OFR

XBO R  $\leq$  450W with Reflector | Intense point source with precision pre-aligned reflector that provides a broad, continuous spectrum and has near perfect color rendering in the visible range



### Areas of application

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

### Product features and benefits

- High luminance / radiance with intense point source
- Broad, continuous spectral distribution
- High color rendering > 95
- High arc stability
- DC operation
- Hot restart capability
- Dimmable over a wide range
- Long lamp life



# Product datasheet

## Technical data

### General Product Information

Product number (Americas)	69197
Product name (Americas)	XBO R 100W/45 OFR 2/CS 1/SKU
Family brand	XBO
Lamp type	W/REFLECTOR
Product remark	OFR = Ozone-free version
Global order reference	XBO R 100 W/45 OFR

### Electrical Data

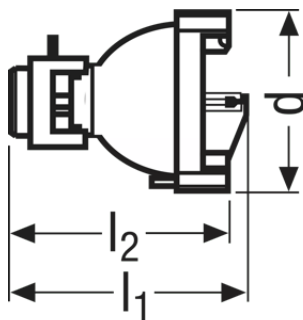
Nominal wattage	100 W
Lamp voltage	12...14 V <sup>1)</sup>
Nominal current	7.2 A
Lamp current	7.0...7.4 A
Type of current	DC

<sup>1)</sup> 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	SPEZIAL
Diameter	64.0 mm
Diameter (in)	2.520 in
Diameter	64.0 mm

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Length	93.0 mm
Product weight	110.00 g

### Operating Conditions

Burning position	p20
Cooling	Forced

### Lifetime Data

Nominal lifetime	500 hr
Average life - horizontal	500 hr

### Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4050300317205
Declaration no. in SCIP database	0ff25872-96e7-47f8-91ee-ef959f627d3e
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
4050300317205	OSRXBOR10045OFR	-	-	-

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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.

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300317205	XBO R 100 W/45 OFR	Folding carton box 1	87 mm x 87 mm x 103 mm	0.79 dm <sup>3</sup>	148.00 g
4050300324777	XBO R 100 W/45 OFR	Shipping carton box 2	186 mm x 96 mm x 115 mm	2.05 dm <sup>3</sup>	342.00 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.

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### Disclaimer

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