

XBO R 300 W/60 C OFR

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



Product datasheet

Technical data

General Product Information

Product number (Americas)	4062172147842
Product name (Americas)	XBO R 300W/60C OFR 2/CS 1/SKU
Family brand	XBO
Lamp type	W/REFLECTOR
Product remark	OFR = Ozone-free version
Global order reference	XBO R 300 W/60 C OFR

Electrical Data

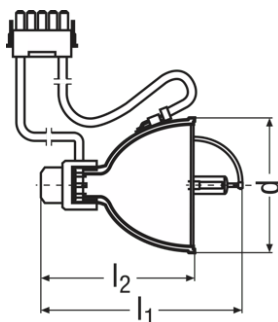
Nominal wattage	300 W
Nominal voltage	16 V
Lamp voltage	16...20 V ¹⁾
Nominal current	18 A
Lamp current	18.0 A
Type of current	DC

¹⁾ Initial voltage range

Photometric Data

Nominal luminous flux	1500 lm
Color temperature	6200 K
Color rendering index Ra	95
Focal length	60.0 mm

Physical Attributes & Dimensions



Lamp base	FaXP2.5-2x65
Diameter (in)	3.228 in
Diameter	82.0 mm

Product datasheet

Length	106.0 mm
Connector: presence	Yes
Product weight	155.00 g

Operating Conditions

Burning position	p20
Cooling	Forced

Lifetime Data

Nominal lifetime	500 hr
Average life - horizontal	1000 hr

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	4062172147842 4008321966179
Declaration no. in SCIP database	f7e5b4d9-fc63-4525-a79e-eedfbf53f794 880b8274-96cd-4585-86bb-cfcaca634d66
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.

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
4008321966179	XBO R 300 W/60 C OFR	Folding carton box 1	103 mm x 26 mm x 173 mm	1.84 dm ³	242.00 g
4008321549662	XBO R 300 W/60 C OFR	Shipping carton box 2	220 mm x 115 mm x 190 mm	4.81 dm ³	591.00 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.