

## XBO 450W OFR



### Product features and benefits

- High luminance / radiance with intense point source
- Broad, continuous spectral distribution
- High color rendering > 95
- High arc stability
- DC operation

### Areas of application

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

## Product datasheet

### Technical data

#### General product information

Product Number	69245
Product Name	XBO450WOFR 18V 1/CS 1/SKU
Ordering Abbreviation	XBO 450W OFR
Brand Name	OSRAM
General Description	450 watt, xenon short arc, double-ended
Application	Microscopy
Product Remark	<ul style="list-style-type: none"><li>- OFR=Ozone Free</li><li>- s (Operating Position) = Vertical, base down</li><li>- This lamp has positive pressure even when cold. Please read safety/warning instructions before using this lamp.</li><li>- Distance a is from end of base to the respective electrode tip (cold).</li><li>- With vertical operating position: anode(+) on top.</li></ul>

#### Electrical data

Nominal Wattage	45000 W
Current (A)	25 A
Current Control Range (A)	17-30 A
Type of Current	DC

#### Light technical data

Luminous Flux	13.000 lm
Average Luminance (cd/cm <sup>2</sup> )	35000 cd/cm <sup>2</sup>
Luminous Intensity (cd)	1300 cd
Luminous Area (mm)	0.9 x 2.7 mm
Light Center Length - LCL (mm)	95.5 mm
Color Temperature	6.000 K
Color Rendering Index	98

#### Physical attributes

Base Anode	SFa20-8
Base Cathode	SFa20-10
Bulb Shape	T29,5
Maximum Overall Length (mm)	260 mm
Length l1 (mm)	260 mm
Length l1 max. (mm)	260 mm

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Length l2 (mm)	212 mm
Length l2 max. (mm)	212 mm
Diameter d (in)	1.142 in
Diameter d (mm)	29.00 mm
Distance a (mm)	95.5 mm
Reflector Coating	29.00

### Additional product data

Operating Position	s 30
Maximum Base Temperature (°C)	230 C
Forced Cooling	Required
Hot Restart	Yes
Class	C (gas)
Lamp Type	XENON

### Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69245	4008321082633	Shipping box (Case)	1	16.1 in x 7.1 in x 7.2 in	1.6 lb

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

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