

XBO 450W



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	69241
Product Name	XBO450W 18V 1/CS 1/SKU
Ordering Abbreviation	XBO 450W
Brand Name	OSRAM
General Description	450 watt, xenon short arc, double-ended used in microscopes
Application	Microscopy
Product Remark	<ul style="list-style-type: none">- Lamp also available in ozone-free version XBO 450 W OFR (Product Number 69245)- Lamp also available in Suprasil quartz glass version XBO 450 W/4 (Product Number 69244)- s (Operating Position) = Vertical, base down- This lamp has positive pressure even when cold. Please read safety/warning instructions before using this lamp.- Distance a is from end of base to the respective electrode tip (cold).- With vertical operating position: anode(+) on top.

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 ²)	35000 cd/cm ²
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

Product datasheet

Maximum Overall Length (mm)	260 mm
Length l1 max. (mm)	260 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
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
69241	4008321082640	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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