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TECHNOLOGY GROUP

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Product datasheet

XBO 75W/2



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

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Technical data

General product information

Product Number	69231
Product Name	XBO75W2 14V 10/CS 1/SKU
Ordering Abbreviation	XBO 75W/2
Brand Name	OSRAM
Family Brand Name	XBO
General Description	75 watt, xenon short arc, double-ended
Application	Microscopy, Searchlights
Product Remark	– Lamp also available in ozone-free version XBO 75 W/2 OFR (Product Number 69232) – 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	75 W
Current (A)	5.4 A
Type of Current	DC

Light technical data

Luminous Flux	1000 lm
Average Luminance (cd/cm2)	40000 cd/cm2
Luminous Intensity (cd)	100 cd
Luminous Area (mm)	0.25 x 0.5 mm
Light Center Length - LCL (mm)	43 mm
Color Temperature	6000 K
Color Rendering Index	98
Average Rated Life - Horizontal (hr)	400 hr
Average Life, Vertical	400 h

Physical attributes

Base Anode	SFa9-2
Base Cathode	SFa7.5-2
Bulb Shape	KO124

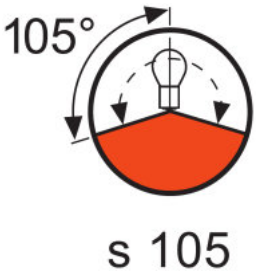
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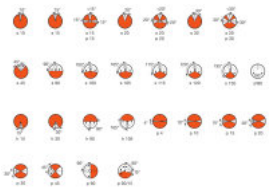
Product datasheet

Maximum Overall Length (mm)	90 mm
Length l1 (mm)	90 mm
Length l1 max. (mm)	90 mm
Length l2 (mm)	82 mm
Length l2 max. (mm)	82 mm
Diameter d (in)	39.331 in
Diameter d (mm)	999.00 mm
Distance a (mm)	43 mm
Reflector Coating	999.00

Additional product data

Operating Position	s 105
Maximum Base Temperature (°C)	230 C
Hot Restart	Yes
Class	C (gas)
Lamp Type	DOUBLE ENDED





Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69231	4050300508801	Folding box (SKU)	1	6.5 in x 3.7 in x 1.9 in	0.2 lb
69231	4050300508818	Shipping box (Case)	10	9.3 in x 8.3 in x 8.9 in	2.5 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

OSRAM does not accept liability for errors, changes and omissions.

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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