OSRAM

XBO R 101W/45C 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

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Areas of application

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

Product datasheet

Technical data

General product information

Product Number	69190
Product Name	XBOR101W45COFR 2/CS 1/SKU
Ordering Abbreviation	XBO R 101W/45C OFR
Brand Name	OSRAM
Family Brand Name	XBO
General Description	100 watt, xenon short arc, with reflector
Application	Lightguide / Boroscopy, Fiber Optic, Minimal Invasive Surgery, Endoscopy
Product Remark	– C=Base with Cable – OFR=Ozone Free – p (Operating Position) = Horizontal – This lamp has positive pressure even when cold. Please read safety/warning instructions before using this lamp. – The focus lies 45mm in front of the mounting rim (working distance). – The connecting cables do not have a plug-in connector.

Electrical data

Nominal Wattage	101 W
Current (A)	7.0 A
Type of Current	DC

Light technical data

Working Distance a (mm)	45 mm
Color Temperature	6000 K
Color Rendering Index	98
Average Rated Life - Horizontal (hr)	500 hr

Physical attributes

Base	Leads with AMP 350809-1 connec
Bulb Shape	KO176
Maximum Overall Length (mm)	83 mm
Length l1 (mm)	83 mm
Length l1 max. (mm)	83 mm
Length l2 (mm)	75 mm
Length l2 max. (mm)	75 mm

Product datasheet

Diameter d (in)	2.520 in
Diameter d (mm)	64.00 mm
Reflector Coating	64.00

Additional product data
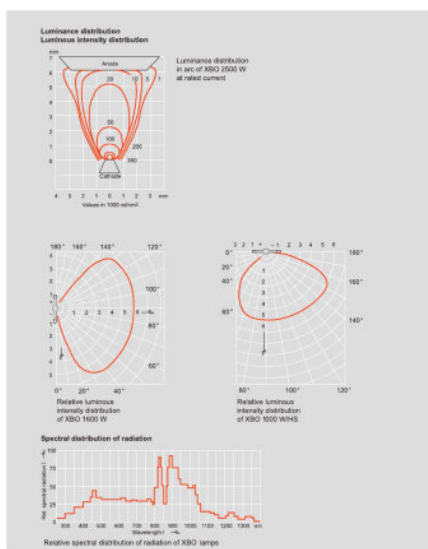
Luminous intensity distribution

Operating Position	p 15
Maximum Base Temperature (°C)	230 C
Forced Cooling	Required
Hot Restart	Yes
Class	C (gas)
Lamp Type	W/REFLECTOR

Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69190	4050300388458	Folding box (SKU)	1	4.1 in x 3.4 in x 3.5 in	0.4 lb
69190	4050300388465	Shipping box (Case)	2	7.3 in x 4.6 in x 3.9 in	0.9 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.

Product datasheet

Disclaimer

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

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