

## XBO R 180W/45/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	69186
Product Name	XBOR180W45OFR 14V 2/CS 1/SKU
Ordering Abbreviation	XBO R 180W/45/OFR
Brand Name	OSRAM
General Description	180 watt, xenon short arc, with reflector
Application	Lightguide / Boroscopy, Fiber Optic, Minimal Invasive Surgery, Endoscopy
Product Remark	<ul style="list-style-type: none"><li>- Lamp also available with connecting cable and plug-in contact.XBO R 180W/45 C OFR (Product Number 69183).</li><li>- OFR=Ozone Free</li><li>- p (Operating Position) = Horizontal</li><li>- This lamp has positive pressure even when cold. Please read safety/warning instructions before using this lamp.</li><li>- The focus lies 45mm in front of the mounting rim (working distance).</li></ul>

#### Electrical data

Nominal Wattage	180 W
Current (A)	12 A
Type of Current	DC

#### Light technical data

Beam Angle (degree)	44 deg
Working Distance a (mm)	45 mm
Color Temperature	6000 K
Color Rendering Index	>90
Average Rated Life - Horizontal (hr)	500 hr

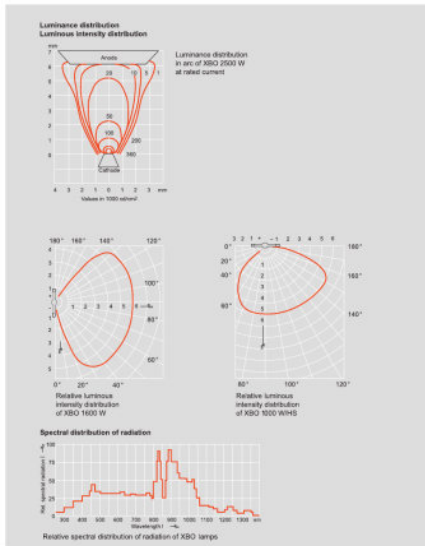
#### Physical attributes

Bulb Shape	T17
Maximum Overall Length (mm)	90 mm
Length l1 (mm)	90 mm
Length l1 max. (mm)	90 mm
Length l2 (mm)	75 mm
Length l2 max. (mm)	75 mm
Diameter d (in)	2.520 in

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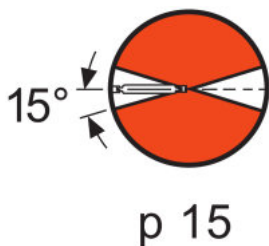
Diameter d (mm)	64.00 mm
Reflector Coating	64.00

### 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)
Method of Operation	W/REFLECTOR



### Packaging Information

## Product datasheet

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions L x w x h	Gross weight
69186	4050300432175	Folding box (SKU)	1	4.3 in x 3.4 in x 3.4 in	0.4 lb
69186	4050300432182	Shipping box (Case)	2	7.3 in x 4.5 in x 4.2 in	0.8 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.

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### Disclaimer

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