

## XBO R 181W/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

### Areas of application

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

## Product datasheet

### Technical data

#### General product information

Product Number	69184
Product Name	XBOR181W45COFR 14V 2/CS 1/SKU
Ordering Abbreviation	XBO R 181W/45C OFR
Brand Name	OSRAM
Family Brand Name	XBO
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>- C=Base with Cable</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><li>- The connecting cables do not have a plug-in connector.</li></ul>

#### Electrical data

Nominal Wattage	181 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

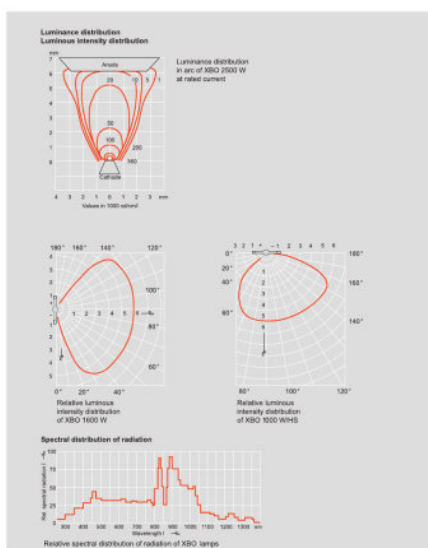
#### Physical attributes

Base	Leads with AMP 350809-1 connec
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

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<b>Length l2 max. (mm)</b>	75 mm
<b>Diameter d (in)</b>	2.520 in
<b>Diameter d (mm)</b>	64.00 mm
<b>Reflector Coating</b>	64.00

## Additional product data



## Luminous intensity distribution

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

## Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69184	4050300450872	Folding box (SKU)	1	4.3 in x 3.4 in x 3.4 in	0.4 lb
69184	4050300450889	Shipping box (Case)	2	7.3 in x 4.9 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.

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### Disclaimer

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