

XBO 150W/CR 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

Technical data

General product information

Product Number	69237
Product Name	XBO150WCROFR 18V 10/CS 1/SKU
Ordering Abbreviation	XBO 150W/CR OFR
Brand Name	OSRAM
General Description	150 watt, xenon short arc, double-ended
Application	Reprography
Product Remark	- OFR=Ozone Free - s (Operating Position) = Vertical, base down - p (Operating Position) = Horizontal - Magnetic arc stabilization required. - 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) - see lamp drawing. - With vertical operating position: anode(+) on top. - Lamp is suitable for Crosfield color scanner (CR = Crosfield).

Electrical data

Nominal Wattage	150 W
Current (A)	8.5 A
Type of Current	DC

Light technical data

Luminous Flux	2900 lm
Average Luminance (cd/cm ²)	20000 cd/cm ²
Luminous Intensity (cd)	290 cd
Luminous Area (mm)	0.5 x 1.6 mm
Light Center Length - LCL (mm)	57 mm
Color Temperature	6000 K
Color Rendering Index	98
Average Rated Life - Horizontal (hr)	1200 hr
Average Rated Life	3000 h

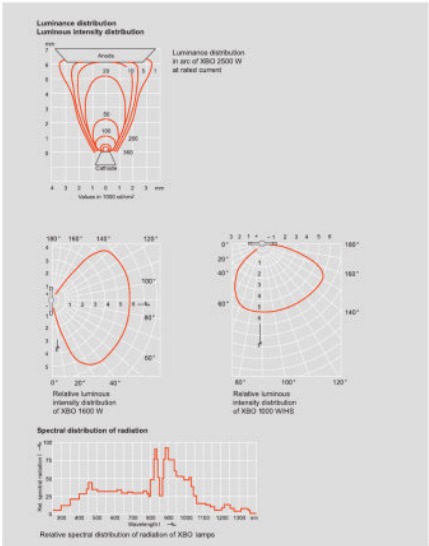
Physical attributes

Base Anode	SFc12-4
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Product datasheet

Base Cathode	SFcX12-4
Bulb Shape	K0131
Maximum Overall Length (mm)	150 mm
Length l1 (mm)	150 mm
Length l1 max. (mm)	150 mm
Length l2 (mm)	127 mm
Length l2 max. (mm)	127 mm
Diameter d (in)	39.331 in
Diameter d (mm)	999.00 mm
Distance a (mm)	57 mm
Reflector Coating	999.00

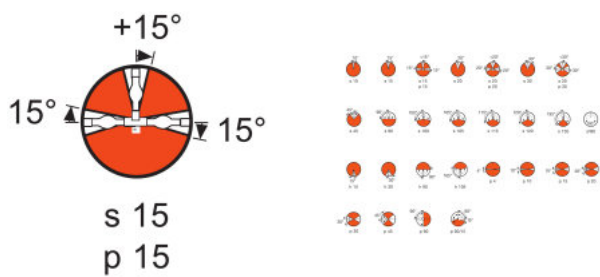
Additional product data



Luminous intensity distribution

Operating Position	s15 p15
Maximum Base Temperature (°C)	230 C
Forced Cooling	Required
Hot Restart	Yes
Magnetic Arc Stabilization	Required
Class	C (gas)
Method of Operation	DOUBLE ENDED

Product datasheet



Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69237	4050300508788	Folding box (SKU)	1	9.8 in x 2.3 in x 3.7 in	0.4 lb
69237	4050300508795	Shipping box (Case)	10	10.2 in x 12.4 in x 8.9 in	4.5 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.