

XBO 150 W/4

XBO \leq 450 W Double End | Intense point source that provides a broad, continuous spectrum and has near perfect color rendering in the visible range



Areas of application

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

Product features and benefits

- High luminance / radiance with intense point source
- Broad, continuous spectral distribution
- High color rendering > 95
- High arc stability
- DC operation
- Hot restart capability
- Dimmable over a wide range
- Long lamp life



Technical data

General Product Information

| | |
|---------------------------|--|
| Product number (Americas) | 69238 |
| Product name (Americas) | XBO 150W/4 20V 10/CS 1/SKU |
| Family brand | XBO |
| Lamp type | DOUBLE ENDED |
| Product remark | Lamp uses a special quality of quartz glass, known as SUPRASIL, which – in comparison to conventional quartz – provides higher transmission below 250 nm |
| Global order reference | XBO 150 W/4 |

Electrical Data

| | |
|-----------------|-------------------------|
| Nominal wattage | 150 W |
| Lamp voltage | 17...21 V ¹⁾ |
| Lamp current | 7.5 A |
| Type of current | DC |

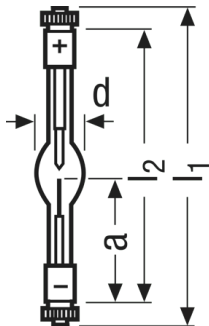
¹⁾ Initial voltage range

Photometric Data

| | |
|---------------------------|----------------------|
| Nominal luminous flux | 3000 lm |
| Luminous intensity | 300 cd ¹⁾ |
| Color temperature | 6000 K |
| Color rendering index Ra | 98 |
| Light center length (LCL) | 57.0 mm |

¹⁾ Typical initial photometric value

Physical Attributes & Dimensions



| | |
|----------------------|---------|
| Electrode gap (cold) | 2.5 mm |
| Base (anode) | SFc12-4 |

Product datasheet

| | |
|----------------|-----------|
| Base (cathode) | SFcX12-4 |
| Diameter (in) | 39.331 in |
| Diameter | 20.0 mm |
| Length | 150.0 mm |
| Product weight | 100.00 g |

Operating Conditions

| | |
|------------------|-------------------|
| Burning position | s15 ¹⁾ |
| Cooling | Forced |

¹⁾ Anode (+) on top

Lifetime Data

| | |
|-------------------------|---------|
| Nominal lifetime | 1200 hr |
| Average life - vertical | 1200 hr |

Environmental & Regulatory Information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|--|
| Primary article identifier | 4050300508382 |
| Declaration no. in SCIP database | 233c237a-3183-44a5-b9da-6dd186a65e22 |
| Candidate list substance 1 | Lead |
| CAS No. of substance 1 | 7439-92-1 |
| Safe use instruction | The identification of the Candidate List substance is sufficient to allow safe use of the article. |

Country specific information

| Product code | METEL code | SEG-No. | STK-Number | UK Org |
|---------------|------------|---------|------------|--------|
| 4050300508382 | OSRXBO1504 | - | - | - |

Product datasheet

Safety advice

Because of their high luminance, UV radiation and high internal pressure in both the hot and cold state, XBO lamps must only be operated in appropriate enclosed casings. Always use the protective jackets supplied when handling these lamps. They may only be used as open lamps if appropriate safety measures are taken. More information is available on request or can be found in the leaflet included with the lamp or the operating instructions.

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------|---------------------------------|---|-----------------------|--------------|
| 4050300508382 | XBO 150 W/4 | Folding carton box 1 | 224 mm x 95 mm x 60 mm | 1.28 dm ³ | 186.00 g |
| 4050300508399 | XBO 150 W/4 | Shipping carton box 10 | 306 mm x 235 mm x 200 mm | 14.38 dm ³ | 2245.00 g |

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

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.