

XBO 75W/2 OFR 14V 10/CS 1/SKU



Product features and benefits

- High luminance / radiance with intense point source
- Color temperature approximately 6000 K (daylight) consistent through the life of the lamp
- High color rendering index: $R_a >$
- High arc stability
- High arc stability
- Hot restart capability
- Dimmable over a wide range
- Long lamp life

Areas of application

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

Product datasheet

Technical data

General Product Information

| | |
|---------------------------|-------------------------------|
| Product number (Americas) | 69232 |
| Product name (Americas) | XBO 75W/2 OFR 14V 10/CS 1/SKU |
| Family brand | XBO |
| Lamp type | DOUBLE ENDED |
| Product remark | OFR = Ozone-free version |
| Global order reference | XBO 75 W/2 OFR |

Electrical Data

| | |
|-----------------|-------------------------|
| Nominal wattage | 75 W |
| Lamp voltage | 12...16 V ¹⁾ |
| Lamp current | 4.9...5.9 A |
| Type of current | DC |

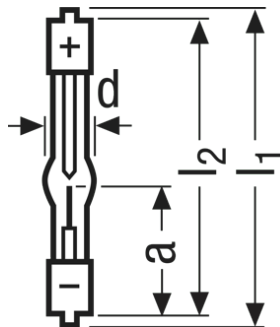
¹⁾ Initial voltage range

Photometric Data

| | |
|---------------------------|----------------------|
| Nominal luminous flux | 1000 lm |
| Luminous intensity | 100 cd ¹⁾ |
| Color temperature | 6000 K |
| Color rendering index Ra | 98 |
| Light center length (LCL) | 37.0 mm |

¹⁾ Typical initial photometric value

Physical Attributes & Dimensions



| | |
|----------------------|----------|
| Electrode gap (cold) | 0.9 mm |
| Base (anode) | SFa9-2 |
| Base (cathode) | SFa7.5-2 |

Product datasheet

| | |
|----------------|-----------|
| Diameter (in) | 39.331 in |
| Diameter | 10.0 mm |
| Length | 90.0 mm |
| Product weight | 11.00 g |

Operating Conditions

| | |
|------------------|--------------------|
| Burning position | ≤100 ¹⁾ |
| Cooling | Convection |

¹⁾ If vertical, then anode on top; up to 10° below horizontal, cathode on top

Lifetime Data

| | |
|---------------------------|--------|
| Nominal lifetime | 400 hr |
| Average life - vertical | 400 hr |
| Average life - horizontal | 400 hr |

Additional product data

| | |
|----------------|--------------------------|
| Product remark | OFR = Ozone-free version |
|----------------|--------------------------|

Environmental & Regulatory Information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|--|
| Primary article identifier | 4050300508825 |
| Declaration no. in SCIP database | 536f5044-6629-4551-b556-81347c0c9dfe |
| 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. |

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.

Packaging Information

| Product number | EAN/UPC | Packaging | Quantity | Outside dimensions l x w x h | Gross weight |
|----------------|---------------|--------------|----------|------------------------------|--------------|
| 69232 | 4050300508825 | FOLDING BOX | 1 | 6.5 in x 3.7 in x 1.9 in | 0.2 lb |
| 69232 | 4050300508832 | SHIPPING BOX | 10 | 9.3 in x 8.9 in x 8.3 in | 2.5 lb |

Product datasheet

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|----------------|---------|-----------|----------|------------------------------|--------------|
|----------------|---------|-----------|----------|------------------------------|--------------|

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.