

## XBO 2000W/HTP XL 1/CS 1/SKU



### Product features and benefits

- High luminance (point source)
- Color temperature approximately 6000K - simulates daylight
- Continuous spectrum in the visible range
- High color rendering > 95
- High arc stability
- DC operation
- Hot restart
- Long lamp life with eXtreme Life technology

### Areas of application

- Film Projection
- Spotlights
- Searchlights
- Solar Simulation

# Product datasheet

## Technical data

### General Product Information

|                           |                             |
|---------------------------|-----------------------------|
| Global order reference    | XBO 2000 W/HTP XL OFR       |
| Product number (Americas) | 69495                       |
| Product name (Americas)   | XBO 2000W/HTP XL 1/CS 1/SKU |

### Electrical Data

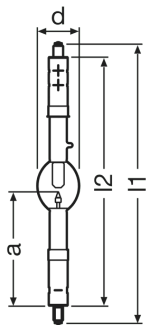
|                       |           |
|-----------------------|-----------|
| Nominal wattage       | 2000 W    |
| Nominal voltage       | 28.0 V    |
| Nominal current       | 70 A      |
| Current control range | 50...85 A |

### Photometric Data

|                           |  |
|---------------------------|--|
| Luminance                 | 75000 cd/cm <sup>2</sup> <sup>1)</sup> |
| Nominal luminous flux     | 80000 lm                               |
| Color temperature         | 6000 K                                 |
| Color rendering index Ra  | 98                                     |
| Light center length (LCL) | 142.5 mm                               |

<sup>1)</sup> Measured in the vertical burning position

### Physical Attributes & Dimensions



|   |           |
|---|-----------|
| Electrode gap (cold)                        | 5.8 mm    |
| Base (anode)                                | SFa25-14  |
| Base (cathode)                              | SFc25-14  |
| Diameter (in)                               | 2.047 in  |
| Diameter                                    | 52.0 mm   |
| Length                                      | 375.0 mm  |
| Length with base excl. base pins/connection | 322.00 mm |

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|                |          |
|----------------|----------|
| Product weight | 452.00 g |
|----------------|----------|

### Operating Conditions

|  |                       |
|--|-----------------------|
| Burning position                         | s30/p30 <sup>1)</sup> |
| Cooling                                  | Forced                |
| Max. permitted ambient temp. pinch point | 230 °C                |

<sup>1)</sup> For vertical burning position: anode (+) on top

### Lifetime Data

|                  |          |
|------------------|----------|
| Nominal lifetime | 3500 hr  |
| Warranty hours   | 3500 hrs |

### Environmental & Regulatory Information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |  |
|---|--|
| Primary article identifier  | 4008321244031  |
| Date of declaration   | 02-10-2024   |
| Declaration no. in SCIP database                                      | 6289c378-8cb7-40d8-bd67-f74e947878c5   |
| 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 internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Xenon lamps are highly explosive. When hot, xenon lamps can cause burn marks. They should only be handled when the lamp is at room temperature. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face shield with neck protector, protective jacket and lint-free, cut-resistant gloves). For more information see the relevant in-pack leaflets and operating instructions.

### Packaging Information

| Product number | EAN/UPC       | Packaging    | Quantity | Outside dimensions l x w x h | Gross weight |
|----------------|---------------|--------------|----------|------------------------------|--------------|
| 69495          | 4008321244031 | SHIPPING BOX | 1        | 23.2 in x 9.2 in x 9 in      | 4.3 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.