# OSRAM

# XBO 2000 W/HTP XL OFR

XBO Xtreme Life | Xenon short-arc lamps for cinema projection

## Product benefits

- Short arc with very high luminance for brighter screen illumination
- Constant color temperature of 6,000 K throughout the entire lamp lifetime
- Easy to maintain
- High arc stability
- Instant light on screen thanks to hot restart function
- Wide dimming range

## Product features

- Wattage: 1,200...8,000 W
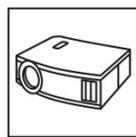
# Product datasheet

## Electrical data

| | |
|---|---|
| **Nominal wattage** | 2000.00 W |
| **Lamp voltage** | 28 V |
| **Nominal current** | 70.0 A |
| **Lamp current** | 70.0 A |
| **Current control range** | 50...85 A |

## Dimensions & weight
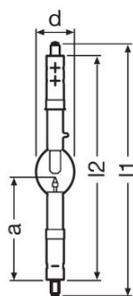


| | |
|---|---|
| **Diameter** | 52.0 mm |
| **Length** | 375.0 mm |
| **Length with base excl. base pins/connection** | 322.00 mm |
| **Light center length (LCL)** | 142.5 mm [1] |
| **Electrode gap cold** | 5.8 mm |
| **Cable/wire length, input side** | - |
| **Product weight** | 452.00 g |

[1] Distance from end of base to tip of electrode (cold)

## Temperatures & operating conditions

| | |
|---|---|
| **Max. permitted ambient temp. pinch point** | 230 °C |

## Lifespan

| | |
|---|---|
| **Lifespan** | 3500 h |

## Additional product data

| | |
|---|---|
| **Base anode (standard designation)** | SFa25-14 |
| **Base cathode (standard designation)** | SFc25-14 |

## Capabilities

| Cooling | Forced |
|---|---|
| **Burning position** | s30/p30 [1] |

[1] For vertical burning position: anode (+) on top

## Country specific information

| Product code | METEL code | SEG-No. | STK-Number | UK Org |
|---|---|---|---|---|
| 4008321244031 | OSRXBO2000HTPXL | - | - | - |

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# Product datasheet

## Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4008321244031 | XBO 2000 W/HTP XL OFR | Shipping carton box 1 | 590 mm x 229 mm x 234 mm | 31.62 dm³ | 1537.90 g |
| 4008321650429 | XBO 2000 W/HTP XL OFR | Shipping carton box 1 | 590 mm x 234 mm x 229 mm | 31.62 dm³ | 1538.00 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.

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