

## XBO 1600 W/HSC XL OFR

XBO for cinema projection | Xenon short-arc lamps 450...10,000 W



### Areas of application

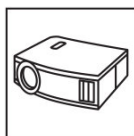
- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light ("Light Finger")
- Sunlight simulation

### Product family 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 family features

- Color temperature: approx. 6,000 K (Daylight)
- Wattage: 450...10,000 W
- Very good color rendering index:  $R_a >$

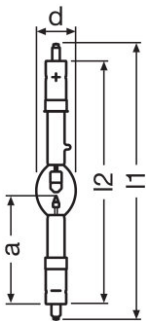


Technical data

Electrical data

|                       |           |
|-----------------------|-----------|
| Nominal current       | 6500 A    |
| Current control range | 50...70 A |
| Nominal wattage       | 160000 W  |
| Nominal voltage       | 230 V     |

Dimensions & weight



|                                             |                       |
|---------------------------------------------|-----------------------|
| Diameter                                    | 460 mm                |
| Length                                      | 2360 mm               |
| Length with base excl. base pins/connection | 222.00 mm             |
| Light center length (LCL)                   | 95.0 mm <sup>1)</sup> |
| Cable/wire length, input side               | 265 mm                |
| Electrode gap cold                          | 3.8 mm                |
| Product weight                              | 32100 g               |
| Cable length                                | 2650                  |

<sup>1)</sup> Distance from end of base to tip of electrode (cold)

Temperatures & operating conditions

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

Lifespan

|          |        |
|----------|--------|
| Lifespan | 2500 h |
|----------|--------|

Additional product data

|                                     |          |
|-------------------------------------|----------|
| Base anode (standard designation)   | SK27/50  |
| Base cathode (standard designation) | SFcX27-8 |

Capabilities

|                  |                       |
|------------------|-----------------------|
| Cooling          | Forced                |
| Burning position | s20/p20 <sup>1)</sup> |

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

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                                                                                    |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date of Declaration                                                   | 05-03-2024                                                                                         |
| Primary Article Identifier                                            | 4008321299932   4062172031721                                                                      |
| 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. |
| Declaration No. in SCIP database                                      | 49877f08-b6d6-461c-b64a-018655e8a602   7a9913f5-169b-4ced-8b20-4a10b8b6fd73                        |

Product datasheet

Logistical Data

| Product code  | Product description      | Packaging unit<br>(Pieces/Unit) | Dimensions (length<br>x width x height) | Volume                | Gross weight |
|---------------|--------------------------|---------------------------------|-----------------------------------------|-----------------------|--------------|
| 4062172031721 | XBO 1600 W/HSC XL<br>OFR | Shipping carton box<br>1        | 410 mm x 184 mm x<br>180 mm             | 13.58 dm <sup>3</sup> | 910.00 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.