

XBO 1000 W/HSC OFR

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



Areas of application

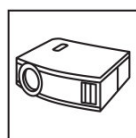
- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light ("Light Finger")
- Sunlight simulation

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: $R_a >$



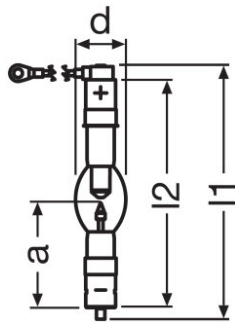
Product datasheet

Technical data

Electrical data

| | |
|-----------------------|-----------|
| Nominal current | 50 A |
| Current control range | 30...55 A |
| Nominal wattage | 1000.00 W |
| Nominal voltage | 19.0 V |

Dimensions & weight



| | |
|---|-----------------------|
| Diameter | 40.0 mm |
| Length | 236.0 mm |
| Length with base excl. base pins/connection | 220.00 mm |
| Light center length (LCL) | 95.0 mm ¹⁾ |
| Electrode gap cold | 3.6 mm |
| Product weight | 303.00 g |
| Cable length | 265.0 |

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

Temperatures & operating conditions

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

Lifespan

| | |
|---------------------------|--------|
| Lifespan | 2000 h |
| Service Warranty Lifetime | 3000 h |

Additional product data

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

Product datasheet

| | |
|-----------------------|--|
| Product remark | OFR = Ozone-free version/H = Suitable for horizontal burning position/S = Short/C= Base with cable |
|-----------------------|--|

Capabilities

| | |
|-------------------------|-----------------------|
| Cooling | Forced |
| Burning position | s20/p20 ¹⁾ |

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

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|--|--|
| Date of Declaration | 04-02-2022 |
| Primary Article Identifier | 4008321082107 |
| 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 | F094A128-1489-4DBF-8649-BB523F769078 |

Country specific information

| Product code | METEL code | SEG-No. | STK number | UK Org |
|---------------------|-------------------|----------------|-------------------|---------------|
| 4008321082107 | OSRXBO1000HSCOFR | - | 4836356 | - |

Product datasheet

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4008321082107 | XBO 1000 W/HSC OFR | Shipping carton box 1 | 410 mm x 180 mm x 184 mm | 13.58 dm ³ | 878.00 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.