

## XBO 150 W/1

XBO Xenon short-arc lamps without reflector | Xenon short-arc lamps without reflector

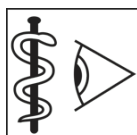


### Product family benefits

- Very high luminance (point light source)
- Continual color quality, irrespective of lamp type and lamp wattage
- Constant light color throughout the life of the lamp
- Long lamp life

### Product family features

- Color temperature: approx. 6,000 K (Daylight)
- High color rendering index:  $R_a >$
- Continuous spectrum in the visible range
- High arc stability
- Hot restart capability
- Dimmable
- Instant light on starting



Technical data

Electrical data

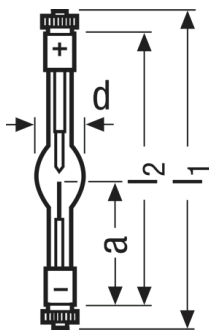
|                 |       |
|-----------------|-------|
| Lamp wattage    | 130 W |
| Lamp current    | 7.5 A |
| Type of current | DC    |

Photometrical data

|                       |                                        |
|-----------------------|----------------------------------------|
| Nominal luminous flux | 3000 lm                                |
| Luminous intensity    | 300 cd <sup>1)</sup>                   |
| Luminance             | 15000 cd/cm <sup>2</sup> <sup>1)</sup> |

<sup>1)</sup> Typical initial photometric value

Dimensions & weight



|                                             |           |
|---------------------------------------------|-----------|
| Length                                      | 150.0 mm  |
| Length with base excl. base pins/connection | 127.00 mm |
| Product weight                              | 75.00 g   |

Lifespan

|          |        |
|----------|--------|
| Lifespan | 1200 h |
|----------|--------|

Additional product data

|                                     |          |
|-------------------------------------|----------|
| Base anode (standard designation)   | SFc12-4  |
| Base cathode (standard designation) | SFcX12-4 |

Capabilities

|                  |                    |
|------------------|--------------------|
| Cooling          | Forced             |
| Burning position | ≤15° <sup>1)</sup> |
| Application      | Other              |

Product datasheet

1) 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                                            | 4050300508344                                                                                      |
| 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                                      | 75ef93b8-ccc0-42e0-b2d3-612d7c703382                                                               |

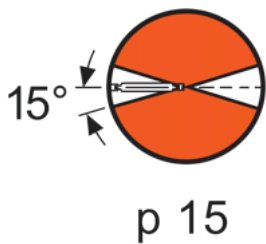
Country specific information

| Product code  | METEL code | SEG-No. | STK-Number | UK Org |
|---------------|------------|---------|------------|--------|
| 4050300508344 | OSRXBO1501 | -       | -          | -      |
| 4050300508344 | OSRXBO1501 | -       | -          | -      |

Product datasheet

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.



Logistical Data

| Product code  | Product description | Packaging unit<br>(Pieces/Unit) | Dimensions (length<br>x width x height) | Volume                | Gross weight |
|---------------|---------------------|---------------------------------|-----------------------------------------|-----------------------|--------------|
| 4050300508344 | XBO 150 W/1         | Folding carton box<br>1         | - x - x -                               |                       |              |
| 4050300508351 | XBO 150 W/1         | Shipping carton box<br>10       | 256 mm x 211 mm x<br>312 mm             | 16.85 dm <sup>3</sup> | 1874.00 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.

References / Links

Further technical information on XBO lamps and information for manufacturers of operating equipment can be requested directly from OSRAM.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.