

XBO 75 W/2

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

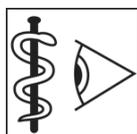


Product family benefits

- 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



Product datasheet

Technical data

Electrical data

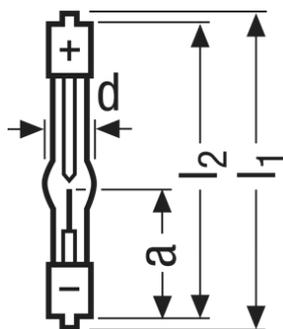
| | |
|-----------------|-------------|
| Lamp wattage | 64 W |
| Lamp current | 4.9...5.9 A |
| Type of current | DC |

Photometrical data

| | |
|-----------------------|--|
| Nominal luminous flux | 1000 lm |
| Luminous intensity | 100 cd ¹⁾ |
| Luminance | 40000 cd/cm ² ¹⁾ |

¹⁾ Typical initial photometric value

Dimensions & weight



| | |
|---|----------|
| Length | 90.0 mm |
| Length with base excl. base pins/connection | 82.00 mm |
| Product weight | 11.00 g |

Lifespan

| | |
|----------|-------|
| Lifespan | 400 h |
|----------|-------|

Additional product data

| | |
|-------------------------------------|----------|
| Base anode (standard designation) | SFa9-2 |
| Base cathode (standard designation) | SFa7.5-2 |

Capabilities

| | |
|------------------|--------------------|
| Cooling | Convection |
| Burning position | ≤100 ¹⁾ |
| Application | Other |

Product datasheet

1) If vertical, then anode on top; up to 10° below horizontal, cathode on top

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|--|
| Date of Declaration | 05-03-2024 |
| Primary Article Identifier | 4050300508801 |
| 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 | 4ac7a63a-e5e9-4801-860e-a51fd4360dc8 |

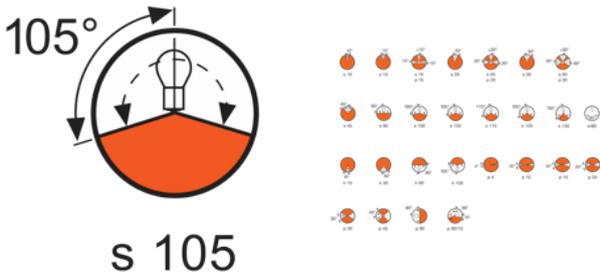
Country specific information

| Product code | METEL code | SEG-No. | STK number | UK Org |
|---------------|------------|---------|------------|--------|
| 4050300508801 | OSRXBO752 | - | 4836307 | - |
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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 (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4050300508801 | XBO 75 W/2 | Folding carton box 1 | 164 mm x 95 mm x 48 mm | 0.75 dm ³ | 91.00 g |
| 4050300508818 | XBO 75 W/2 | Shipping carton box 10 | 235 mm x 225 mm x 210 mm | 11.10 dm ³ | 1138.00 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.