# XBO R 180 W/45

XBO Xenon short-arc lamps with reflector 75...300 W | Xenon short-arc lamps with reflector 75...300 W



## 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: $R_a$ >
- High arc stability
- Hot restart capability
- Dimmable
- Instant light on starting
- Continuous spectrum in the visible range








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Technical data

## Electrical data

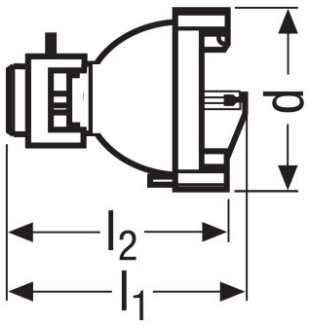
| | |
|---|---|
| **Nominal wattage** | 180.00 W |
| **Lamp voltage** | 12.8...14.8 V [1)] |
| **Lamp current** | 11.75...12.25 A |
| **Type of current** | DC |
| **Lamp wattage** | 150 W |
| **Rated wattage** | 180.00 W |

1) Initial voltage range

## Light technical data

| | |
|---|---|
| **Focal length** | 45.0 mm |

## Dimensions & weight




| | |
|---|---|
| **Mounting length** | 81.5 mm |
| **Diameter** | 64.0 mm |

## Lifespan

| | |
|---|---|
| **Lifespan** | 500 h |

## Capabilities

| | |
|---|---|
| **Cooling** | Forced |
| **Burning position** | p20 |
| **Application** | Other |

## Environmental information

| |
|---|
| **Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)** |


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# Product datasheet

| | |
|---|---|
| **Date of Declaration** | 05-03-2024 |
| **Primary Article Identifier** | 4050300432175 |
| **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** | 7a27a89e-c594-4d6f-8bcf-6110af0cbf1a |

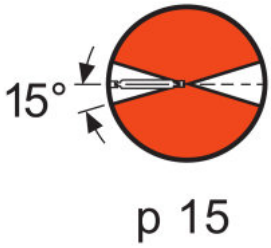
## Country specific information

| Product code | METEL code | SEG-No. | STK-Number | UK Org |
|---|---|---|---|---|
| 4050300432175 | OSRXBOR18045 | - | - | - |
| 4050300432175 | OSRXBOR18045 | - | - | - |


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## 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.
The xenon lamp element is always under very high pressure. It may explode if subject to impact or damage. Therefore, spent XBO reflector lamps should be stored in an inaccessible place in the supplied casing or under the protection cap until they are sent for disposal.




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## Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4050300432175 | XBO R 180 W/45 | Folding carton box 1 | 87 mm x 87 mm x 110 mm | 0.83 $dm^3$ | 160.00 g |
| 4050300432182 | XBO R 180 W/45 | Shipping carton box 2 | 186 mm x 96 mm x 122 mm | 2.18 $dm^3$ | 373.00 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.


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