

XBO R 300 W/60 C OFR

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



Product 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 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



Product datasheet

Technical data

Electrical data

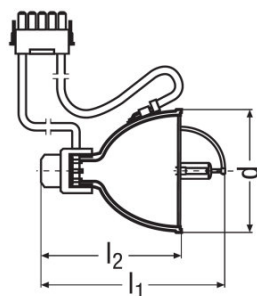
Lamp wattage	250 W
Lamp voltage	16...20 V ¹⁾
Lamp current	18.0 A
Type of current	DC
Rated wattage	300.00 W
Nominal wattage	300.00 W
Nominal voltage	16.0 V
Nominal current	16.5 A

¹⁾ Initial voltage range

Light technical data

Focal length	60.0 mm
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Dimensions & weight



Mounting length	80.0 mm
Product weight	155.00 g
Cable length	150.0 mm
Diameter	82.0 mm

Lifespan

Lifespan	1000 h
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Additional product data

Base anode (standard designation)	Cable
Base cathode (standard designation)	Cable
Product remark	OFR = Ozone-free version

Product datasheet

Capabilities

Cooling	Forced
Burning position	p20

Country specific information

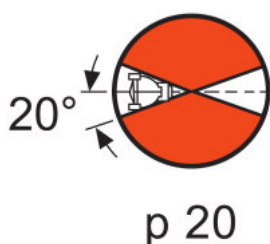
Product code	METEL code	SEG-No.	STK-Number	UK Org
4008321137722	OSRXBOR30060C	-	-	-

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.

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.



Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321137722	XBO R 300 W/60 C OFR	Folding carton box 1	173 mm x 103 mm x 103 mm	1.84 dm ³	242.00 g
4008321137739	XBO R 300 W/60 C OFR	Shipping carton box 2	220 mm x 193 mm x 114 mm	4.84 dm ³	591.00 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.