Product datasheet

XBO R 300 W/60 C OFR

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

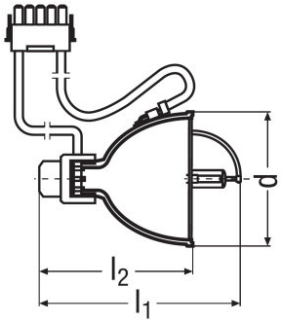
Nominal wattage	300.00 W
Lamp voltage	16...20 V [1]
Lamp current	18.0 A
Type of current	DC
Lamp wattage	250 W
Rated wattage	300.00 W

[1] Initial voltage range

Light technical data

Focal length	60.0 mm

Dimensions & weight



Mounting length	80.0 mm
Cable length	150.0
Diameter	82.0 mm

Lifespan

Lifespan	1000 h

Capabilities

Cooling	Forced
Burning position	p20
Application	Other

Environmental information

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Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	05-03-2024
Primary Article Identifier	4008321137722 | 4008321966179
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	f7e5b4d9-fc63-4525-a79e-eedfbf53f794

Country specific information

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

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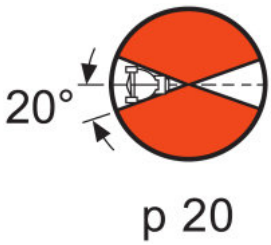
Safety advice

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.



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	- x - x -		
4008321137739	XBO R 300 W/60 C OFR	Shipping carton box 2	220 mm x 115 mm x 190 mm	4.81 dm^3	592.00 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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