XBO 75 W/2

XBO | Xenon short-arc lamps without reflector



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







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Technical data

Electrical data

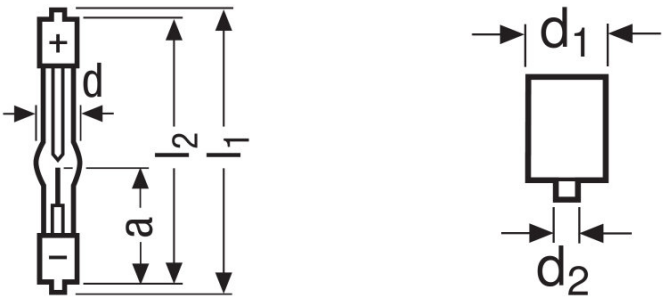
Lamp wattage	64 W
Lamp current	4.9…5.9 A
Type of current	DC
Nominal wattage	75.00 W
Nominal voltage	14 V

Photometrical data

Nominal luminous flux	1000 lm
Luminous intensity	100 cd [1)]
Luminance	40000 cd/cm² [1)]

[1)] Typical initial photometric value

Dimensions & weight



Length	90.0 mm
Mounting length	82.0 mm
Length with base excl. base pins/connection	82.00 mm
Light center length (LCL)	37.0 mm [1)]
Electrode gap cold	0.9 mm
Product weight	11.00 g
Diameter	10.0 mm

[1)] Distance from end of base to tip of electrode (cold)

Temperatures & operating conditions

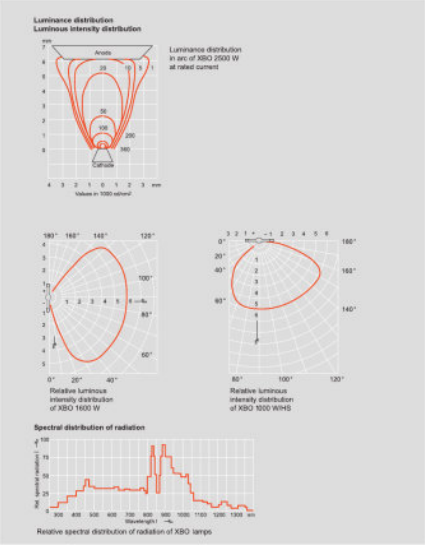
Max. permitted ambient temp. pinch point	230 °C

Lifespan

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Lifespan	400 h

Additional product data



Luminous intensity distribution

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

Capabilities

Cooling	Convection
Burning position	s100 [1)]

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

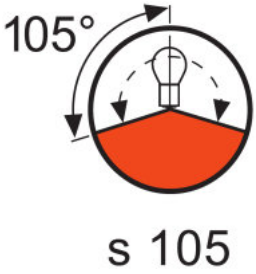
Country specific information

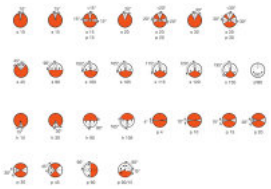
Product code	METEL code	SEG-No.	STK number	UK Org
4050300508801	OSRXBO752	-	4836307	-

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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.





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	165 mm x 48 mm x 95 mm	0.75 dm^3	91.00 g
4050300508818	XBO 75 W/2	Shipping carton box 10	235 mm x 210 mm x 225 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.

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