

XBO 150 W/1

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

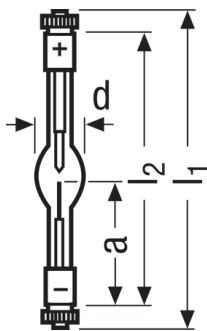
Lamp wattage	130 W
Lamp current	7.5 A
Type of current	DC

Photometrical data

Nominal luminous flux	3000 lm
Luminous intensity	300 cd ¹⁾
Luminance	15000 cd/cm ² ¹⁾

¹⁾ Typical initial photometric value

Dimensions & weight



Length	150.0 mm
Length with base excl. base pins/connection	127.00 mm
Product weight	75.00 g

Lifespan

Lifespan	1200 h
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Additional product data

Base anode (standard designation)	SFc12-4
Base cathode (standard designation)	SFcX12-4

Capabilities

Cooling	Forced
Burning position	≤15° ¹⁾
Application	Other

Product datasheet

¹⁾ Anode (+) on top

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	05-03-2024
Primary Article Identifier	4050300508344
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	75ef93b8-ccc0-42e0-b2d3-612d7c703382

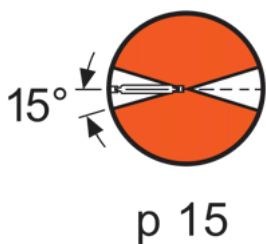
Country specific information

Product code	METEL code	SEG-No.	STK-Number	UK Org
4050300508344	OSRXBO1501	-	-	-
4050300508344	OSRXBO1501	-	-	-

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
4050300508344	XBO 150 W/1	Folding carton box 1	- x - x -		
4050300508351	XBO 150 W/1	Shipping carton box 10	256 mm x 211 mm x 312 mm	16.85 dm ³	1874.00 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.