

XBO 1000 W/HTP OFR

XBO Traditional & Xtreme Life (XL) Lamps | Traditional high performance xenon lamps for search lights, spotlights, solar simulation, and film projection

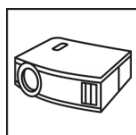
Areas of application

- Film Projection
- Spotlights
- Searchlights
- Solar Simulation



Product features and benefits

- High luminance (point source)
- Color temperature approximately 6000K - simulates daylight
- Continuous spectrum in the visible range
- High color rendering > 95
- High arc stability
- DC operation
- Hot restart
- Long lamp life with eXtreme Life technology



Technical data

General Product Information

Product number (Americas)	69265
Product name (Americas)	XBO 1000W/HTP 1/CS 1/SKU
Lamp type	XENON
Product remark	OFR = Ozone-free version/H = Suitable for horizontal burning position/TP = Cable with threaded pins
Global order reference	XBO 1000 W/HTP OFR

Electrical Data

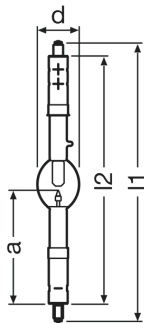
Nominal wattage	1000 W
Nominal voltage	21.0 V
Nominal current	45 A
Current control range	30...55 A

Photometric Data

Luminance	45000 cd/cm ² ¹⁾
Nominal luminous flux	35000 lm
Color temperature	6000 K
Color rendering index Ra	98
Light center length (LCL)	123.0 mm

¹⁾ Measured in the vertical burning position

Physical Attributes & Dimensions



Electrode gap (cold)	4.8 mm
Base (anode)	SFa25-14
Base (cathode)	SFc25-14
Diameter (in)	1.811 in

Product datasheet

Diameter	46.0 mm
Length	330.0 mm
Length with base excl. base pins/connection	277.00 mm
Product weight	331.00 g

Operating Conditions

Burning position	s30/p30 ¹⁾
Cooling	Forced
Max. permitted ambient temp. pinch point	230 °C

¹⁾ For vertical burning position: anode (+) on top

Lifetime Data

Nominal lifetime	2000 hr
Warranty hours	2400 hrs

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4008321081353 4062172030243
Declaration no. in SCIP database	4a09dcc0-a0da-4682-93fa-303d254e4c80
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.

Product datasheet

Safety advice

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Xenon lamps are highly explosive. When hot, xenon lamps can cause burn marks. They should only be handled when the lamp is at room temperature. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face shield with neck protector, protective jacket and lint-free, cut-resistant gloves). For more information see the relevant in-pack leaflets and operating instructions.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172030243	XBO 1000 W/HTP OFR	Shipping carton box 1	500 mm x 204 mm x 204 mm	20.81 dm ³	1127.00 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.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.