

XBO 2500W/HS XL 1/CS 1/SKU



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

Areas of application

- Film Projection
- Spotlights
- Searchlights
- Solar Simulation

Product datasheet

Technical data

General Product Information

Global order reference	XBO 2500 W/HS XL OFR
Product number (Americas)	69507
Product name (Americas)	XBO 2500W/HS XL 1/CS 1/SKU

Electrical Data

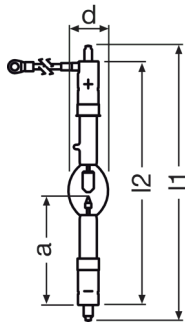
Nominal wattage	2500 W
Nominal voltage	28.0 V
Nominal current	90 A
Current control range	70...100 A

Photometric Data

Luminance	80000 cd/cm ² ¹⁾
Light center length (LCL)	145.0 mm

¹⁾ Measured in the vertical burning position

Physical Attributes & Dimensions



Electrode gap (cold)	5.5 mm
Base (anode)	SFaX27-9.5
Base (cathode)	SFa27-7.9
Diameter (in)	2.362 in
Diameter	60.0 mm
Length	342.0 mm
Length with base excl. base pins/connection	302.00 mm
Connector: presence	Yes
Product weight	571.00 g

Product datasheet

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	2200 hr
Warranty hours	2200 hrs

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4062172030250 4008321299963
Date of declaration	14-10-2024
Declaration no. in SCIP database	ea7f9ace-f767-4dd4-8383-1b55f8e488b7
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe use instruction	Die Bezeichnung des Stoffes der Kandidatenliste reicht aus für den sicheren Gebrauch des Produktes.

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.

Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69507	4062172030250	SHIPPING BOX	1	19.7 in x 8 in x 8 in	3 lb

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.