

XBO 4200W/CA 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 4200 W/CA OFR
Product number (Americas)	69294
Product name (Americas)	XBO 4200W/CA 1/CS 1/SKU

Electrical Data

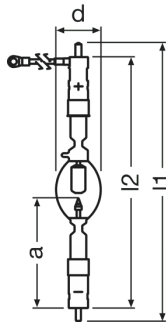
Nominal wattage	4200 W
Nominal voltage	27.0 V
Nominal current	140 A
Current control range	80...160 A

Photometric Data

Luminance	100000 cd/cm ² ¹⁾
Light center length (LCL)	167.5 mm

¹⁾ Measured in the vertical burning position

Physical Attributes & Dimensions



Electrode gap (cold)	7.0 mm
Base (anode)	SFaX27-13
Base (cathode)	SFaX27-14
Diameter (in)	2.756 in
Diameter	70.0 mm
Length	428.0 mm
Length with base excl. base pins/connection	428.00 mm
Connector: presence	Yes
Product weight	1052.00 g

Product datasheet

Operating Conditions

Burning position	s15 ¹⁾
Cooling	Forced ²⁾
Max. permitted ambient temp. pinch point	230 °C

¹⁾ Anode on top

²⁾ Vertical

Lifetime Data

Nominal lifetime	1000 hr
Warranty hours	1000 hrs

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4008321412997
Date of declaration	22-09-2024
Declaration no. in SCIP database	9fbe9530-f835-44a3-b11d-e6d282a08ff8
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.

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
69294	4008321412997	SHIPPING BOX	1	23.2 in x 9.2 in x 9 in	4.7 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.