

XBO 1600W/DHP 1/CS 1/SKU



Product features and benefits

- Extremely high luminance for digital cinema projection
- Color temperature approximately 6000K - simulates daylight
- Continuous spectrum in the visible range
- High color rendering > 95
- High arc stability
- DC operation
- Hot restart

Areas of application

- Digital Cinema Projection

Product datasheet

Technical data

General Product Information

Global order reference	XBO 1600 W/DHP OFR
Product number (Americas)	69840
Product name (Americas)	XBO 1600W/DHP 1/CS 1/SKU

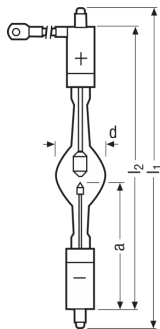
Electrical Data

Nominal wattage	1600 W
Nominal voltage	21.0 V
Nominal current	78 A
Current control range	57...86 A
Type of current	DC

Photometric Data

Light center length (LCL)	123.0 mm
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Physical Attributes & Dimensions



Electrode gap (cold)	3.5 mm
Base (anode)	SFaX30-14
Base (cathode)	SFc30-16
Diameter	46.5 mm
Length	345.0 mm
Length with base excl. base pins/connection	295.00 mm
Cable/wire length, input side	130 mm
Connector: presence	Yes
Product weight	485.00 g

Operating Conditions

Product datasheet

Burning position	s15/p15 ¹⁾
Cooling	Forced
Max. permitted ambient temp. pinch point	230 °C

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

Lifetime Data

Nominal lifetime	3000 hr
Warranty hours	3000 hrs
Service warranty lifetime	3800 hr

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4052899254831 4062172030465
Date of declaration	14-10-2024
Declaration no. in SCIP database	ddc0ca29-d545-4244-bd3d-01657e49e316
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
69840	4062172030465	SHIPPING BOX	1	19.7 in x 8 in x 8 in	2.8 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.