Product datasheet

XBO 4200 W/HPS OFR

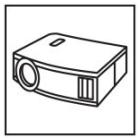
XBO HPS for digital cinema projection | Xenon short-arc lamps

Areas of application

- Cinema projection

Product family features

- Short arc with highest luminance for brighter screen illumination
- A lifetime of reliable performances with constant 6000 K color temperature
- Easy to maintain
- High level of arc stability
- Hot restart and instant light on screen
- Dimmable in a wide range



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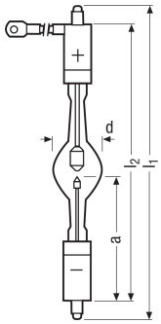
Technical data

Electrical data

Nominal current	128 A
Nominal wattage	4200.00 W
Current control range	73...137 A
Nominal voltage	33.0 V

Dimensions & weight



Diameter	60.0 mm
Length	334.0 mm
Length with base excl. base pins/connection	297.00 mm
Light center length (LCL)	128.0 mm [1)]
Cable/wire length, input side	195 mm
Electrode gap cold	4.3 mm
Product weight	717.00 g
Cable length	195.0

[1)] Distance from end of base to tip of electrode (cold)

Temperatures & operating conditions

Max. permitted ambient temp. pinch point	230 °C

Lifespan

Lifespan	700 h
Service Warranty Lifetime	850 h

Additional product data

Base anode (standard designation)	SFaX30-14/68
Base cathode (standard designation)	SFc30-20/50

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Capabilities

Cooling	Forced
Burning position	s15/p15 [1]

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

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	06-03-2024
Primary Article Identifier	4008321191670 | 4008321865670 | 4052899202092 | 4062172030298 | 4062172225571
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	4776d977-ceff-4b5d-8b57-4242dd74650c

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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
4062172030298	XBO 4200 W/HPS OFR	Shipping carton box 1	500 mm x 204 mm x 204 mm	20.81 dm^3	1521.00 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.

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