OSRAM

XBO 4200 W/HPS LL

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

Areas of application

- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light ("Light Finger")
- Sunlight simulation

Product benefits

- Short arc with very high luminance for brighter screen illumination
- Constant color temperature of 6,000 K throughout the entire lamp lifetime
- Easy to maintain
- High arc stability
- Instant light on screen thanks to hot restart function
- Wide dimming range

Product features

- Wattage: 1,200…8,000 W
- Very good color rendering index: $R_a >$

Technical data

Electrical data

Nominal wattage	4200.00 W
Lamp voltage	34 V
Nominal current	128 A
Current control range	69...131 A

Dimensions & weight

Diameter	60.0 mm
Length	334.0 mm
Length with base excl. base pins/connection	334.00 mm
Light center length (LCL)	128.0 mm [1]
Electrode gap cold	5.9 mm
Cable/wire length, input side	195 mm
Product weight	750.00 g

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

Temperatures & operating conditions

Max. permitted ambient temp. pinch point	230 °C

Lifespan

Lifespan	1000 h

Additional product data

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

Capabilities

Cooling	Forced
Burning position	s15/p15 [1]

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

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899202108	XBO 4200 W/HPS LL	Shipping carton box 1	590 mm x 234 mm x 229 mm	31.62 dm³	1818.00 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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