

XBO HSLA

Xenon short-arc lamps for digital cinema projection



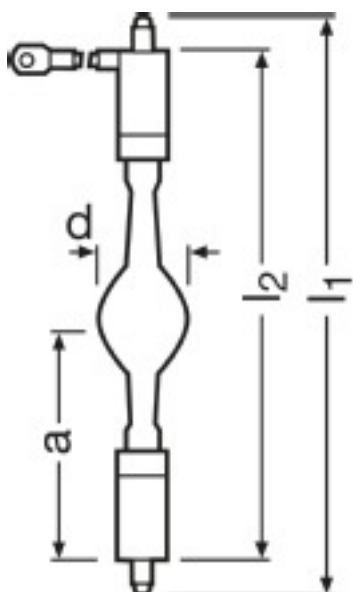
- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light ("Light Finger")
- Sunlight simulation

Product benefits

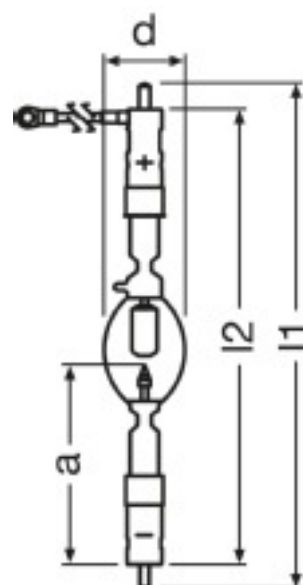
- Very high luminance (point light source)
- Continual color quality, irrespective of lamp type and lamp wattage
- Long lamp life

Product features

- Color temperature: approx. 6,000 K (Daylight)
- Dimmable
- Hot restart capability
- DC operation
- High color rendering index: $R_a >$



Product line drawing
XBO 3000 W/HSLA OFR | XBO 4500 W/HSLA OFR | XBO
6000 W/HSLA OFR | XBO 8000 W/HSLA OFR



Product line drawing
XBO 6500 W/HSLA OFR

Technical data

Product description	Nominal wattage	Nominal voltage	Nominal current	Luminous flux	Lifespan	Light center length (LCL)
XBO 3000 W/HSLA OFR ¹⁾	3000 W	29 V	110.00 A	130000 lm ²⁾	1500 h	145.0 mm ³⁾
XBO 4500 W/HSLA OFR ¹⁾	4500 W	30 V	145.00 A	190000 lm ²⁾	1000 h	171.0 mm ³⁾
XBO 6000 W/HSLA OFR	6000 W	35 V	170.00 A	280000 lm ²⁾	600 h	
XBO 6500 W/HSLA OFR	6500 W	38 V	170.00 A	300000 lm ²⁾	500 h	170.5 mm ³⁾
XBO 8000 W/HSLA OFR ¹⁾	8000 W		185.00 A	360000 lm ²⁾	400 h	170.5 mm ³⁾

Product description	Length	Base anode (standard designation)	Burning position	Current control range	Diameter	Arc stability, horizontal
XBO 3000 W/HSLA OFR ¹⁾	342.0 mm	SFaX27-9.5	s30/p30 ⁴⁾	60...120 A	54.0 mm	Yes
XBO 4500 W/HSLA OFR ¹⁾	410.0 mm	SFaX30-9.5	p15/s15 ⁴⁾	80...150 A	60.0 mm	Yes
XBO 6000 W/HSLA OFR	433.0 mm		p15/s15 ⁴⁾	140...175 A	70.0 mm	Yes
XBO 6500 W/HSLA OFR	393.0 mm	SFaX30-9.5	s15/p15 ⁴⁾	140...175 A	70.0 mm	Yes
XBO 8000 W/HSLA OFR ¹⁾	433.0 mm	SFaX30-9.5	p15/s15 ⁴⁾	150...190 A	78.0 mm	Yes

¹⁾ H = Suitable for horizontal burning position/S = Short/LA=Lumen Advanced (High Efficiency lamp)

²⁾ Measured in the vertical burning position

³⁾ Distance from end of base to tip of electrode (cold)

⁴⁾ For vertical burning position: anode (+) on top

Application advice

For more detailed application information and graphics please see product datasheet.

Disposal

The cold internal pressure of the lamp is approx. 8 bar of Xenon, the lamp must first be depressurized before it can be disposed. Place the lamp – in its protective jacket – in a plastic bag and drop it from a height of 1.0...1.5 m onto a hard surface (e.g. concrete).

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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