

XBO DHP

Xenon short-arc lamps for digital cinema projection

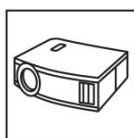


Product benefits

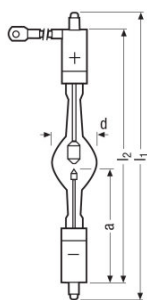
- Short arc with very high luminance for brighter screen illumination
- Constant color temperature of 6,000 K throughout the entire lamp lifetime
- Easy to maintain
- High arc stability
- Instant light on screen thanks to hot restart function
- Wide dimming range

Product features

- Wattage: 1,200...8,000 W



Product family datasheet



Product line drawing

Product family datasheet

Technical data

	Electrical data		Dimensions & weight			Temperatures & operating conditions	Lifespan	Additional product data
Product description	Nominal current	Current control range	Length	Length with base excl. base pins/connection	Light center length (LCL)	Max. permitted ambient temp. pinch point	Lifespan	Base anode (standard designation)
XBO 1200 W/DHP OFR	57.0 A	41...63 A	345.0 mm	295.00 mm	123.0 mm ¹⁾	230 °C	3000 h	SFaX27-14x80
XBO 1600 W/DHP OFR	78.0 A	56...85 A	345.0 mm	295.00 mm	123.0 mm ¹⁾	230 °C	3000 h	SFaX27-14x80
XBO 2000 W/DHP L OFR	82.0 A	60...90 A	345.0 mm	295.00 mm	123.0 mm ¹⁾	230 °C	3300 h	SFaX27-14x80
XBO 2000 W/DHP OFR	87.0 A	64...95 A	345.0 mm	295.00 mm	123.0 mm ¹⁾	230 °C	2400 h	SFaX27-14x80
XBO 2200 W/DHP OFR	90.0 A	68...95 A	345.0 mm	295.00 mm	123.0 mm ¹⁾	230 °C	1500 h	SFaX27-14x80
XBO 2500 W/DHP OFR	87.0 A	63...95 A	345.0 mm	295.00 mm	123.0 mm ¹⁾	230 °C	1500 h	SFaX27-14x80
XBO 3000 W/DHS OFR	107 A	79...115 A	342.0 mm	302.00 mm	145.0 mm ¹⁾	230 °C	1500 h	SFaX27-9.5
XBO 3000 W/DHP L OFR	103 A	76...111 A	345.0 mm	295.00 mm	123.0 mm ¹⁾	230 °C	1700 h	SFaX27-14x80
XBO 4000 W/DHP OFR	123 A	91...130 A	345.0 mm	295.00 mm	123.0 mm ¹⁾	230 °C	1100 h	SFaX27-14x80
XBO 4000 W/DHP L OFR	128 A	95...137 A	345.0 mm	295.00 mm	123.0 mm ¹⁾	230 °C	1300 h	SFaX27-14x80
XBO 4500 W/DHP OFR	150 A	108...155 A	436.0 mm	393.00 mm	170.5 mm ¹⁾	230 °C	1000 h	SFaX30-9.5
XBO 6000 W/DHP OFR	170 A	140...175 A	436.0 mm	393.00 mm	170.5 mm ¹⁾	230 °C	650 h	SFaX30-9.5
XBO 6000 W/DHP L OFR	170 A	140...175 A	436.0 mm	393.00 mm	170.5 mm ¹⁾	230 °C	800 h	SFaX30-9.5
XBO 6500 W/DHP OFR	165 A	133...173 A	436.0 mm	393.00 mm	170.5 mm ¹⁾	230 °C	500 h	SFaX30-9.5

Product family datasheet

	Electrical data		Dimensions & weight			Temperatures & operating conditions	Lifespan	Additional product data
Product description	Nominal current	Current control range	Length	Length with base excl. base pins/connection	Light center length (LCL)	Max. permitted ambient temp. pinch point	Lifespan	Base anode (standard designation)
XBO 6500 W/DHP L OFR	165 A	133...173 A	436.0 mm	393.00 mm	170.5 mm ¹⁾	230 °C	600 h	SFaX30-9.5

Product description	Base cathode (standard designation)	Capabilities
		Burning position
XBO 1200 W/DHP OFR	SFc27-16/55	s15/p15 ²⁾
XBO 1600 W/DHP OFR	SFc27-16/55	s15/p15 ²⁾
XBO 2000 W/DHP L OFR	SFc27-16/55	s15/p15 ²⁾
XBO 2000 W/DHP OFR	SFc27-16/55	s15/p15 ²⁾
XBO 2200 W/DHP OFR	SFc27-16/55	s15/p15 ²⁾
XBO 2500 W/DHP OFR	SFc27-16/55	s15/p15 ²⁾
XBO 3000 W/DHS OFR	SFa27-7.9	s15/p15 ²⁾
XBO 3000 W/DHP L OFR	SFc27-16/55	s15/p15 ²⁾
XBO 4000 W/DHP OFR	SFc27-16/55	s15/p15 ²⁾
XBO 4000 W/DHP L OFR	SFc27-16/55	s15/p15 ²⁾
XBO 4500 W/DHP OFR	SFa30-7.9	s15/p15 ²⁾
XBO 6000 W/DHP OFR	SFa30-7.9	p15/s15 ²⁾
XBO 6000 W/DHP L OFR	SFa30-7.9	s15/p15 ²⁾
XBO 6500 W/DHP OFR	SFa30-7.9	s15/p15 ²⁾
XBO 6500 W/DHP L OFR	SFa30-7.9	s15/p15 ²⁾

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

²⁾ For vertical burning position: anode (+) on top

Product family datasheet

Application advice

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

Disclaimer

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