

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



Distributor:

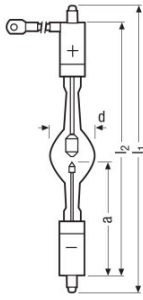

Techni-Lux
www.techni-lux.com

Phone: 407-857-8770

Fax: 407-857-8771

Email: sales@techni-lux.com

Product family datasheet



Product line drawing

Product family datasheet

Technical data

Product description	Electrical data				Dimensions & weight				
	Nominal wattage	Nominal current	Current control range	Nominal voltage	Diameter	Length	Length with base excl. base pins/connection	Light center length (LCL)	Electrode gap cold
XBO 1200 W/DHP OFR	1200.00 W	57.0 A	41...63 A	20.0 V	40.0 mm	345.0 mm	295.00 mm	123.0 mm ₁₎	4.0 mm
XBO 1600 W/DHP OFR	1600.00 W	78.0 A	56...85 A	21.0 V	46.5 mm	345.0 mm	295.00 mm	123.0 mm ₁₎	3.5 mm
XBO 2000 W/DHP L OFR	2000.00 W	87.0 A	60...90 A	24.5 V	55.0 mm	345.0 mm	295.00 mm	123.0 mm ₁₎	5.0 mm
XBO 2000 W/DHP OFR	2000.00 W	87.0 A	64...95 A	24.5 V	46.0 mm	345.0 mm	295.00 mm	123.0 mm ₁₎	4.5 mm
XBO 2200 W/DHP OFR	2200.00 W	90.0 A	68...95 A	26.0 V	52.0 mm	345.0 mm	295.00 mm	123.0 mm ₁₎	3.5 mm
XBO 2500 W/DHP OFR	2500.00 W	87.0 A	63...95 A	26.0 V	55.0 mm	345.0 mm	295.00 mm	123.0 mm ₁₎	4.5 mm
XBO 3000 W/DHS OFR	3000.00 W	107 A	79...115 A	29.0 V	54.0 mm	342.0 mm	302.00 mm	145.0 mm ₁₎	5.0 mm
XBO 3000 W/DHP L OFR	3000.00 W	103 A	76...111 A	29.0 V	60.0 mm	345.0 mm	295.00 mm	123.0 mm ₁₎	5.0 mm
XBO 4000 W/DHP OFR	4200.00 W	123 A	91...130 A	34.0 V	60.0 mm	345.0 mm	295.00 mm	123.0 mm ₁₎	6.0 mm
XBO 4000 W/DHP L OFR	4000.00 W	128 A	95...137 A	33.0 V	60.0 mm	345.0 mm	295.00 mm	123.0 mm ₁₎	6.0 mm
XBO 4500 W/DHP OFR	4500.00 W	150 A	108...155 A	30.0 V	60.0 mm	436.0 mm	393.00 mm	170.5 mm ₁₎	6.0 mm
XBO 6000 W/DHP OFR	6000.00 W	170 A	140...175 A	35.0 V	78.0 mm	436.0 mm	393.00 mm	170.5 mm ₁₎	7.5 mm
XBO 6000 W/DHP L OFR	6000.00 W	170 A	140...175 A	38.0 V	78.0 mm	436.0 mm	393.00 mm	170.5 mm ₁₎	7.5 mm
XBO 6500 W/DHP OFR	6500.00 W	165 A	133...173 A	39.0 V	78.0 mm	436.0 mm	393.00 mm	170.5 mm ₁₎	7.5 mm

Product family datasheet

Product description	Electrical data				Dimensions & weight				
	Nominal wattage	Nominal current	Current control range	Nominal voltage	Diameter	Length	Length with base excl. base pins/connection	Light center length (LCL)	Electrode gap cold
XBO 6500 W/DHP L OFR	6500.00 W	165 A	133...173 A	39.0 V	78.0 mm	436.0 mm	393.00 mm	170.5 mm ¹⁾	7.5 mm

Product description	Product weight	Cable length	Temperatures & operating conditions	Lifespan	Additional product data		Capabilities
			Max. permitted ambient temp. pinch point	Lifespan	Base anode (standard designation)	Base cathode (standard designation)	Cooling
XBO 1200 W/DHP OFR	446.00 g	130.0 mm	230 °C	3000 h	SFaX27-14x80	SFc27-16/55	Forced
XBO 1600 W/DHP OFR	485.00 g	130.0 mm	230 °C	3000 h	SFaX27-14x80	SFc27-16/55	Forced
XBO 2000 W/DHP L OFR	530.00 g	130.0 mm	230 °C	3300 h	SFaX27-14x80	SFc27-16/55	Forced
XBO 2000 W/DHP OFR	530.00 g	130.0 mm	230 °C	2400 h	SFaX27-14x80	SFc27-16/55	Forced
XBO 2200 W/DHP OFR	534.00 g	130.0 mm	230 °C	1500 h	SFaX27-14x80	SFc27-16/55	Forced
XBO 2500 W/DHP OFR	505.40 g	155.0 mm	230 °C	1500 h	SFaX27-14x80	SFc27-16/55	Forced
XBO 3000 W/DHS OFR	580.20 g	155.0 mm	230 °C	1500 h	SFaX27-9.5	SFa27-7.9	Forced
XBO 3000 W/DHP L OFR	639.00 g	130.0 mm	230 °C	1700 h	SFaX27-14x80	SFc27-16/55	Forced
XBO 4000 W/DHP OFR	638.00 g	130.0 mm	230 °C	1100 h	SFaX27-14x80	SFc27-16/55	Forced
XBO 4000 W/DHP L OFR	637.00 g	130.0 mm	230 °C	1300 h	SFaX27-14x80	SFc27-16/55	Forced
XBO 4500 W/DHP OFR	1031.80 g	155.0 mm	230 °C	1000 h	SFaX30-9.5	SFa30-7.9	Forced
XBO 6000 W/DHP OFR	1115.00 g	155.0 mm	230 °C	650 h	SFaX30-9.5	SFa30-7.9	Forced
XBO 6000 W/DHP L OFR	1025.00 g	155.0 mm	230 °C	800 h	SFaX30-9.5	SFa30-7.9	Forced
XBO 6500 W/DHP OFR	1023.00 g	155.0 mm	230 °C	500 h	SFaX30-9.5	SFa30-7.9	Forced
XBO 6500 W/DHP L OFR	1050.00 g	155.0 mm	230 °C	600 h	SFaX30-9.5	SFa30-7.9	Forced

Product description	Burning position
XBO 1200 W/DHP OFR	s15/p15 ²⁾

Product family datasheet

Product description	Burning position
XBO 1600 W/DHP OFR	s15/p15 ²⁾
XBO 2000 W/DHP L OFR	s15/p15 ²⁾
XBO 2000 W/DHP OFR	s15/p15 ²⁾
XBO 2200 W/DHP OFR	s15/p15 ²⁾
XBO 2500 W/DHP OFR	s15/p15 ²⁾
XBO 3000 W/DHS OFR	s15/p15 ²⁾
XBO 3000 W/DHP L OFR	s15/p15 ²⁾
XBO 4000 W/DHP OFR	s15/p15 ²⁾
XBO 4000 W/DHP L OFR	s15/p15 ²⁾
XBO 4500 W/DHP OFR	s15/p15 ²⁾
XBO 6000 W/DHP OFR	p15/s15 ²⁾
XBO 6000 W/DHP L OFR	s15/p15 ²⁾
XBO 6500 W/DHP OFR	s15/p15 ²⁾
XBO 6500 W/DHP L OFR	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.