

## XBO DTP

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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

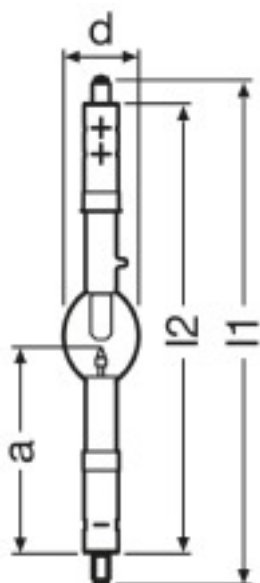
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- Very high luminance (point light source)
- Continual color quality, irrespective of lamp type and lamp wattage
- Long lamp life

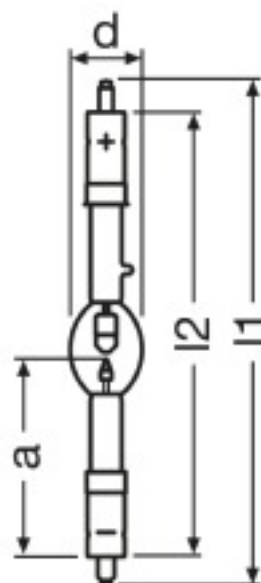
### Product features

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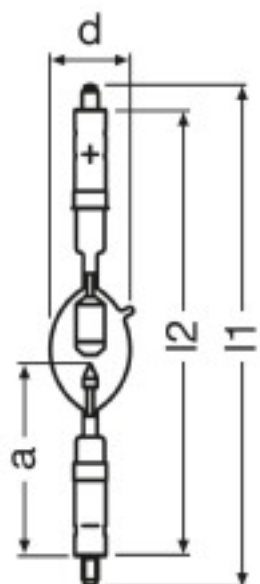
- Color temperature: approx. 6,000 K (Daylight)
- Dimmable
- Hot restart capability
- DC operation
- High color rendering index:  $R_a >$



Product line drawing with letters  
2000 W/DTP OFR | 3000 W/DTP OFR



Product line drawing with letters  
3000 W/DTS OFR



Product line drawing with letters  
4500 W/DTP OFR | 6000 W/DTP OFR

## Technical data

Product description	Nominal wattage	Nominal voltage	Nominal current	Luminous flux	Lifespan	Diameter
2000 W/DTP OFR	2000 W	25 V	80.00 A	80000 lm <sup>1)</sup>	2400 h	52.0 mm
3000 W/DTP OFR	3000 W	27 V	110.00 A	130000 lm <sup>1)</sup>	1500 h	60.0 mm
3000 W/DTS OFR	3000 W	30 V	100.00 A	140000 lm <sup>1)</sup>	1000 h	55.0 mm
4500 W/DTP OFR	4500 W	32 V	145.00 A	190000 lm <sup>1)</sup>	1000 h	60.0 mm
6000 W/DTP OFR	6000 W	39 V	155.00 A	270000 lm <sup>1)</sup>	600 h	70.0 mm

Product description	Length	Burning position	Current control range	Light center length (LCL)	Base anode (standard designation)	Base cathode (standard designation)
2000 W/DTP OFR	403.0 mm	s30/p30 <sup>2)</sup>	50...85 A			
3000 W/DTP OFR	403.0 mm	s30/p30 <sup>2)</sup>	60...120 A			
3000 W/DTS OFR	295.0 mm	s70/p20 <sup>2)</sup>	70...110 A	125.0 mm <sup>3)</sup>	SFa27-14	SFc27-14
4500 W/DTP OFR	433.0 mm	s15/p15 <sup>2)</sup>	80...150 A			
6000 W/DTP OFR	433.0 mm	p15/s15 <sup>2)</sup>	140...175 A			

<sup>1)</sup> Measured in the vertical burning position

<sup>2)</sup> For vertical burning position: anode (+) on top

<sup>3)</sup> Distance from end of base to tip of electrode (cold)

## **Application advice**

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

## **Disposal**

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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**

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