

XSTAGE Xenon Short-arc Lamps

XBO xenon short arc lamps designed for use in search lights and spotlights



Areas of application

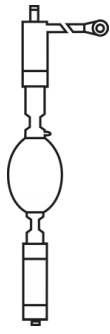
- Spotlights
- Searchlights
- Solar Simulation

Product features and benefits

- High luminance (point source) with rugged design for spotlight applications
- Color temperature approximately 6000K - simulates daylight
- Continuous spectrum in the visible range
- High color rendering > 95
- High arc stability
- DC operation
- Hot restart



Product family datasheet



Xstage XENON SHORT ARC LAMPS for
ENTERTAINMENT

Product family datasheet

Technical data

Product description	General Product Information			
	Product number (Americas)	Product name (Americas)	Family brand	Lamp type
Xstage 4000 W OFR	69484	XSTAGE 4000W OFR 1/CS 1/SKU	XBO	XENON
Xstage 7000 W OFR	69485	XSTAGE 7000W OFR 1/CS 1/SKU	XBO	

Product description	Global order reference	Electrical Data		
		Nominal wattage	Nominal voltage	Current control range
Xstage 4000 W OFR	Xstage 4000 W OFR	4000 W	30.0 V	80...135 A
Xstage 7000 W OFR	Xstage 7000 W OFR	7000 W	40.0 V	110...165 A

Product description	Photometric Data			
	Luminance	Nominal luminous flux	Color temperature	Color rendering index Ra
Xstage 4000 W OFR	120000 cd/cm ²	150000 lm	6000 K	98
Xstage 7000 W OFR	120000 cd/cm ²	330000 lm	6000 K	98

Product description	Light center length (LCL)	Physical Attributes & Dimensions		
		Base (anode)	Base (cathode)	Diameter (in)
Xstage 4000 W OFR	120.0 mm	SFaX27-9.5	SFc28-27	2.362 in
Xstage 7000 W OFR	162.5 mm	SFaX27-9.5	SFc28-27	2.756 in

Product description	Diameter	Length	Connector: presence	Product weight
Xstage 4000 W OFR	60.0 mm	315.0 mm	Yes	666.00 g
Xstage 7000 W OFR	70.0 mm	400.0 mm	Yes	863.00 g

Product description	Operating Conditions	Lifetime Data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
	Burning position	Nominal lifetime	Primary article identifier	Declaration no. in SCIP database
Xstage 4000 W OFR	Any	650 hr	4008321288844	No declarable substances contained
Xstage 7000 W OFR	Any	650 hr	4008321577726 4008321288851	No declarable substances contained

Product description	Candidate list substance 1
Xstage 4000 W OFR	No declarable substances contained

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Product description	Candidate list substance 1
Xstage 7000 W OFR	No declarable substances contained

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Safety advice

Because of their high luminance, UV radiation and high internal pressure in both the hot and cold state, Xstage lamps must only be operated in enclosed lamp casings specially constructed for the purpose. Always use the supplied protective jackets when handling these lamps. They may only be used as open lamps if appropriate safety measures are taken. More information is available on request or can be found in the leaflet included with the lamp or the operating instructions.

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.