

XSTAGE Xenon Short-arc Lamps



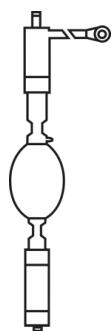
Areas of application

- 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





Xstage XENON SHORT ARC LAMPS for
ENTERTAINMENT

Product family datasheet

Technical data

General Product Information				
Product description	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	
Electrical Data				
Product description	Global order reference	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
Photometric Data				
Product description	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
Physical Attributes & Dimensions				
Product description	Light center length (LCL)	Base (anode)	Base (cathode)	Diameter
Xstage 4000 W OFR	120.0 mm	SFaX27-9.5	SFc28-27	60.0 mm
Xstage 7000 W OFR	162.5 mm	SFaX27-9.5	SFc28-27	70.0 mm
Mechanical Data				
Product description	Diameter (in)	Diameter	Length	Connector: presence
Xstage 4000 W OFR	2.362 in	60.0 mm	315.0 mm	Yes
Xstage 7000 W OFR	2.756 in	70.0 mm	400.0 mm	Yes
Operating & Environmental Data				
		Operating Conditions	Lifetime Data	Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REaCh)
Product description	Product weight	Burning position	Nominal lifetime	Primary article identifier
Xstage 4000 W OFR	666.00 g	Any	650 hr	4008321288844
Xstage 7000 W OFR	863.00 g	Any	650 hr	4008321577726 4008321288851

Product family datasheet

Product description	Declaration no. in SCIP database	Candidate list substance 1
Xstage 4000 W OFR	No declarable substances contained	No declarable substances contained
Xstage 7000 W OFR	No declarable substances contained	No declarable substances contained

Product family datasheet

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.