

Technical Information

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Xenon Short Arc Lamp

Xstage® 3000 W

■ Product description

The OSRAM Xstage® 3000 W is a DC-operated lamp that is especially suited for Entertainment applications requiring excellent arc stability and a high luminance.

■ Technical data

Order reference	Xstage® 3000 W	
Rated lamp wattage	W	3000
Rated lamp voltage	V	30
Rated lamp current (DC)	A	100
Current control range	A	70 - 110
Ignition voltage	kV _P	36
Min. open circuit voltage for cold / hot ignition	V	85 / 110
Luminous flux	lm	140000
Luminous intensity	cd	13500
Average luminance	cd/cm ²	200000
Luminous area w x h *)	mm	1,3 x 3,5
Electrode gap e (cold)	mm	4,5
Lamp length (overall) l ₁	mm	max. 305
Lamp length l ₂	mm	max. 262
LCL a	mm	120
Bulb diameter d	mm	55
Warranty (Stationary application) h	h	1000
Warranty (Moving application) h	h	650
Base	Cathode	SFc 28-27/20
	Anode	SFaX 27-9,5
Cable length l _c	mm	300

*) w = luminance half width value; h = height of luminous area (corresponds to electrode gap, hot)

■ Lamp operation

Maximum permissible base temperature	230°C
Cooling	forced cooling / fan
Min. air flow velocity around discharge vessel	7 m/s
Operating position	s90

