Technical Information

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XBO® 2000 W/HTP CL OFR

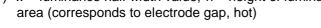
■ Product description

The OSRAM XBO® 2000 W/HTP CL OFR is a DC-operated lamp that is especially suited for applications requiring excellent arc stability and a high luminance. The CL lamps, wich stands for Classic Line, combines the classical Osram features with an optimization on bulb pricing and has the same warranty as the regular standard lamps.

■ Technical data

Order reference	XBO® 2000 W/HTP CL OFR	
Rated lamp wattage	W	2000
Rated lamp voltage	V	27
Rated lamp current (=)	Α	70
Current control range	Α	50 - 85
Ignition voltage	$kV_{\text{\tiny S}}$	33
Min. open circuit voltage for cold / hot ignition	V	75 / 100
Luminous flux	lm	80000
Luminous intensity	cd	7500
Average luminance	cd/cm²	75000
Luminous area wxh *)	mm	1.3 x 4.8
Electrode gap e (cold)	mm	5.8
Lamp length (overall) L ₁	mm	max. 375
Lamp length L ₂	mm	max. 322
LCL a	mm	142,5
Bulb diameter d	mm	46
Warranty	h	2400
Base		Cathode: SFc 25-14

*) w = luminance half width value; h = height of luminance



Lamp operation

Maximum permissible

base temperature °C 230 Cooling --

Min. air flow velocity around

discharge vessel m/s 3

Magnetic arc stabilization required in horizontal burning position

Burning position S 30 (vertical $\pm 30^\circ$; anode up); p 30 (horizontal $\pm 30^\circ$)

