### **Technical Information**

No. 5724 Edition: 05/11 Substitutes: 04/11 Status: preliminary

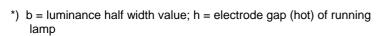
# XBO® 3000 W/DTS OFR

### Product description

The OSRAM XBO® 3000 W/DTS OFR is a DC operated lamp, which especially has been designed for applications, requiring highest level of performance in luminance and excellent arc stability. The XBO® 3000 W/DTS OFR will fit the latest technical Digital Cinema - Projection requirements.

#### **■** Technical data

Order reference		XBO® 3000 W/DTS OFR
Rated lamp wattage	W	3000
Rated lamp voltage	V	30
Rated lamp current (=)	Α	100
Current control range	Α	70-110
Ignition voltage	kVP	40
Min. open circuit voltage for cold / hot ignition	V	100 / 120
Luminous flux	lm	140,000
Luminous intensity	cd	13,500
Average luminance	cd/cm2	180,000
Luminous area wxh *)	mm	1,3 x 3,5
Electrode gap e (cold)	mm	4,5
Lamp length (overall) I <sub>1</sub>	mm	max. 335
Lamp length I <sub>2</sub>	mm	max. 285
Cable length I <sub>3</sub>	mm	
LCL a	mm	125
Bulb diameter d, max.	mm	55
Warranty	h	1000
Base		Cathode: SFc27-14/55
		Anode: SFa27-14x78



## Lamp operation

Maximum permissible

base temperature °C 230

Cooling requirements forced cooling / fan

Min. air flow velocity

around discharge vessel m/s 7

Operating position  $s 70 \text{ (vertical } \pm 70^\circ \text{ ; anode up) }; p 20 \text{ (horizontal } \pm 20^\circ \text{)}$ 

