### **Technical Information**

No. FO 5170

Edition: 04/05 - subject to change

Supersedes: --/-- (initial release)

Status: valid



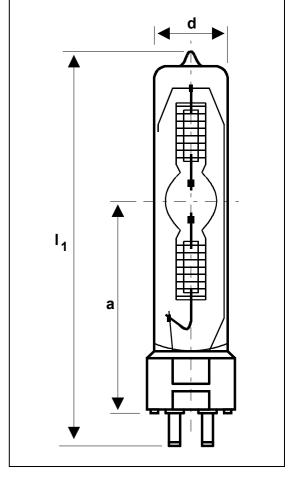
# 4ArXS HSD® 200W/60

#### ■ 4ArXS - For Architainment eXtreme Seal

The OSRAM 4ArXS HSD® 200W/60 is an ultra-longlife metal halide lamp with outer bulb and daylight-like 6000 K. The lamp is characterized by a high luminance and - with 2,000 hours - a high average service life. The "eXtreme Seal" technology enables higher pinch temperatures up to max. 450°C. The lamp is suitable for cold start only. The 4ArXS HSD® 200W/60 is perfect for use in effect and architectural effect lighting.

#### Technical data

Lamp / order reference		4ArXS HSD® 200W/60
Rated wattage	W	200
Rated voltage	V	70
Rated lamp current (~)	Α	3.3
Ignition voltage (cold)	kVs	2.0
Luminous flux	lm	13,000
Color rendering index	CRI	> 80
Color temperature	K	6,000
Odior terriperature		
Arc length	mm	5.0
	mm mm	
Arc length	mm mm	5.0
Arc length  Lamp length (overall) I <sub>1</sub>	mm mm mm	5.0 max. 108
Arc length  Lamp length (overall) I <sub>1</sub> Bulb diameter d	mm	5.0 max. 108 max. 23
Arc length  Lamp length (overall) I <sub>1</sub> Bulb diameter d  LCL (a)	mm	5.0 max. 108 max. 23



# Lamp operation

Maximum permissible

base temperature °C 450 at Molybdenium foil / Pinch seal region (eXtreme Seal Technology)

Cooling	Convection or Fan	
Burning position	anv	

The 4ArXS HSD<sup>®</sup> 200W/60 can be operated on electronic power supplies (ECG) and standard ballasts.

# Selection of igniters and control gear

Ignitors: ERC 640041, Bag Turgi Ballasts: ERC 686823, Magnetek ECG: Schiederwerk EVG 2-20

Further information on operating and control device requirements is available with the OSRAM brochure "Guidelines for Control Gear and Igniters - Metal Halide Lamps Display/Optic", order reference 123T01E.

# Safety instruction

Because of the high UV radiation emitted by 4ArXS HSD® lamps and the fact that they operate at high pressures, they may only be used in purpose-built enclosed housings. Suitable filters must be used to ensure that the UV radiation is reduced to an acceptable level.

