

Technical Information

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Longlife Metal Halide Lamp

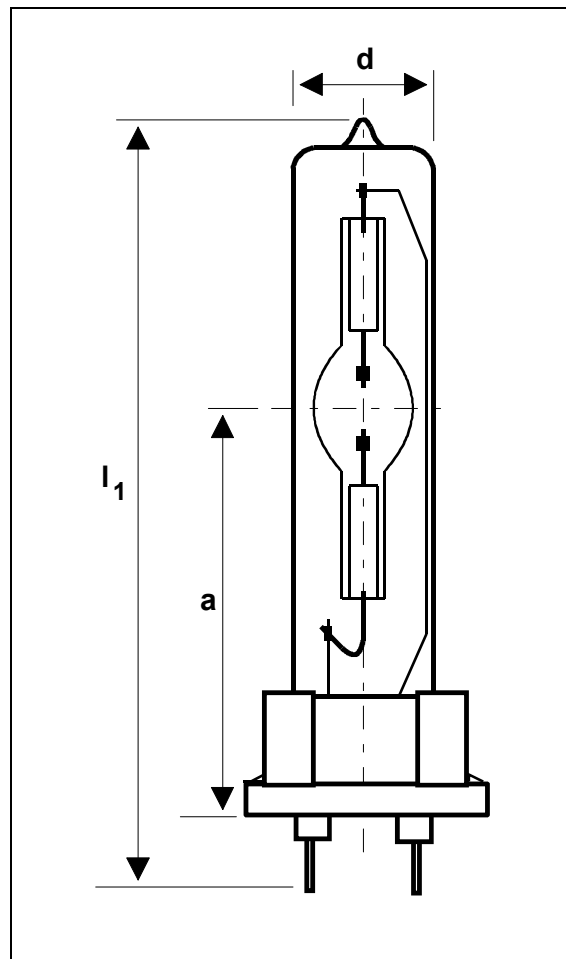
4ArXS HSD[®] 150W/UL/75

■ 4ArXS – For Architainment eXtreme Seal

The OSRAM 4ArXS HSD[®] 150W/UL/75 is an ultra-longlife metal halide lamp with outer bulb and UV filter. The lamp is characterized by a high luminance and - with 6,000 hours - a extremely high average service life. The “eXtreme Seal” technology enables higher pinch temperatures up to max. 450°C. The lamp is suitable only for cold start and operation on electronic ballast. The 4ArXS HSD[®] 150W/UL/75 is perfect for use in architectural effect lighting.

■ Technical data

Order reference	4ArXS HSD [®] 150W/UL/75	
Rated wattage	W	150
Rated voltage	V	97
Rated lamp current (~)	A	1.8
Ignition voltage	kV _s	3.5 (max. 5.0)
Luminous flux	lm	11,000
Color rendering index	Ra	> 85
Color temperature	K	7,500
Arc length	mm	5.5
Lamp length (overall) l ₁	mm	max. 105
Bulb diameter d	mm	max. 20
LCL (a)	mm	56
Average service life (on electronic ballast)	h	6,000
Base	G 12	



■ Lamp operation

Maximum permissible base temperature	°C	450 at Molybdenum foil / Pinch seal region (eXtreme Seal Technology)
Cooling	Convection or Fan	
Burning position	any	

The 4ArXS HSD[®] 150W/UL/75 is designed for operation on electronic power supplies (ECG) only.

■ Manufacturers of igniters and control gear (not all officially approved by OSRAM)

Igniters: OSRAM (integrated to Powertronic), BAG NI 400 LE, Magnetek ZG 4,5
ECGs: OSRAM Powertronic PTU 150/220-240, Schiederwerk, Mitronic, Rotec, Tridonic

■ Safety instruction

The 4ArXS HSD[®] 150W/UL/75 is equipped with an UV filter. Nevertheless because of the fact that 4ArXS HSD[®] lamps operate at high pressures, they may only be used in purpose-built enclosed housings.