

Technical Information

No. FO 4997

Edition: 09/02 - subject to change

Supersedes: 02/02

Status: valid

Metal Halide Lamp

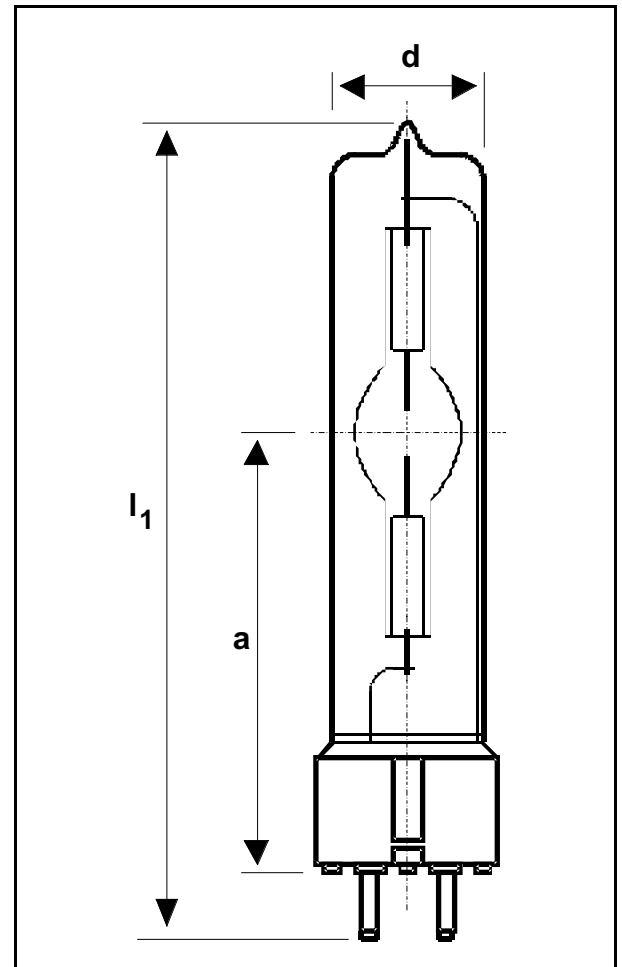
HSR[®] 575 / 60

■ Product description

The OSRAM HSR[®] 575 / 60 is a single ended metal halide lamp with outer bulb, offering daylight characteristics (6000 K). It is replacing the former HSR 575 / 2. The lamp has a high luminous flux and a - with 1.000 hours - high average service life. Main application is the effect and intelligent lighting field.

■ Technical data

Lamp / order reference		HSR [®] 575 / 60
Rated lamp wattage	W	575
Rated lamp voltage	V	95
Rated lamp current (~)	A	7
Ignition voltage (cold)	kV _s	1.5
Luminous flux	lm	49,000
Average luminance	cd/cm ²	10,000
Color temperature	K	6,000
Color rendering index	Ra	> 85
Light arc length	mm	7
Lamp length (overall) l ₁	mm	125
Bulb diameter d	mm	max. 30
LCL (a)	mm	65
Average service life	h	1,000
Base		GX 9.5



■ Lamp operation

Maximum permissible base temperature	°C	350
Cooling		Convection or Fan
Burning position		any

The HSR[®] 575 / 60 can either be operated on standard ballast as well as on electronic power supplies (ECG).

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

Igniters:	BAG TURGI MZN 1000 S, SE 7/15 U; ERC 640042, 640032; May & Christe ZG 10 SE; ZUMTOBEL ZRM12
Ballasts:	ERC 686228/2; LTM 504501; Lumo 510-055; May & Christe 1100.0554.002; Mitronic VG 575
ECG:	Schiederwerk EVG 575/700, EVG 5-57

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

■ Safety instruction

Because of the high UV radiation emitted by HSR[®] lamps and the fact that they operate at high pressure, they must 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.