**Technical Information** No. FO 4999 Edition: 09/02 - subject to change Supersedes: 02/02 Status: valid

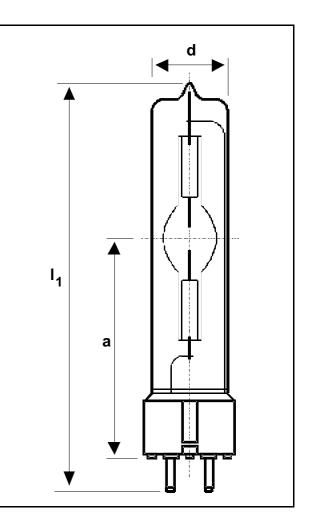
# HSR<sup>®</sup> 575 / 72

#### Product description

The OSRAM HSR<sup>®</sup> 575 / 72 is a single ended metal halide lamp with outer bulb. The lamp has a high luminous flux and with 1.000 hours a high average service life. Due to its increased color temperature (7200 K), the light appears to be more bright for the human eye. The HSR<sup>®</sup> 575 / 72 is the right choice for the disco, club- and touring field.

## Technical data

Lamp / order reference		HSR <sup>®</sup> 575 / 72
Rated lamp wattage	W	575
Rated lamp voltage	V	95
Rated lamp current (~)	А	7
Ignition voltage (cold)	kVs	1.5
Luminous flux	lm	49,000
Average luminance	cd/cm <sup>2</sup>	10,000
Color temperature	K	7,200
Color rendering index	Ra	> 85
Light arc length	mm	7
Lamp length (overall) I1	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	С°	350
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Cooling		Convection or Fan
Burning position		any

The HSR® 575 / 72 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)

Ignitors:	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 Ignitors - Metal Halide Lamps Photo Optic", order reference 123T01E.

### Safety instruction

Because of the high UV radiation emitted by HSR<sup>®</sup> 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.

