

Technical Information

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Metal Halide Lamp

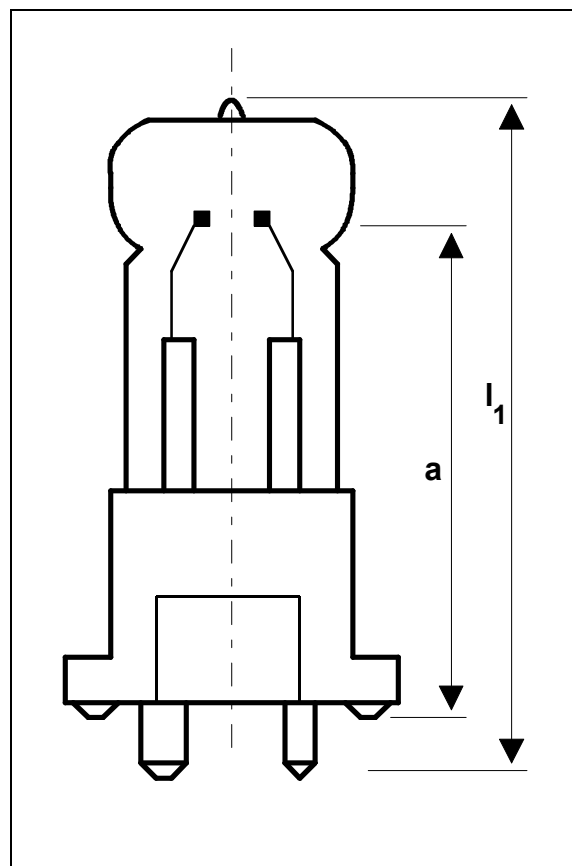
HTI[®] 150 W

■ Product description

The power midget OSRAM HTI[®] 150 W is a small-sized light source which offers daylight characteristic, a high luminous flux and a reasonable service life. The HTI[®] 150 W is mainly used in the effect lighting and commercial projection field.

■ Technical data

Lamp / order reference		HTI [®] 150 W
Rated lamp wattage	W	150
Rated lamp voltage	V	100
Rated lamp current (sinus)	A	1.8
Ignition voltage (cold)	kV _S	4.5
Luminous flux	lm	10,000
Average luminance	cd/cm ²	5,000
Color temperature	K	6,900
Color rendering index	Ra	> 70
Light arc length	mm	5
LCL (a)	mm	30
Lamp length l ₁	mm	max. 46
Average service life	h	750
Base		GY 9,5



■ Lamp operation

Maximum permissible base temperature	°C	230
Cooling	Convection or Fan	
Burning position	any; luminous arc horizontal, electrodes must not be arranged one above the other	

The HTI[®] 150 W 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 ERC	MZN 150S-T01, MZN 150S-T10 64 00 03
Ballasts:	ABB ERC May & Christe	SOH DJ 150 2 KV 68 68 16, 68 68 18 1024.0905.013, 1024.0705.005
ECGs:	OSRAM Mitronic Rotec	Powertronic 150 W ENE 90...200 W M150MHS 150W

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.