

Technical Information

No. FO 4626

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Metal Halide Lamp

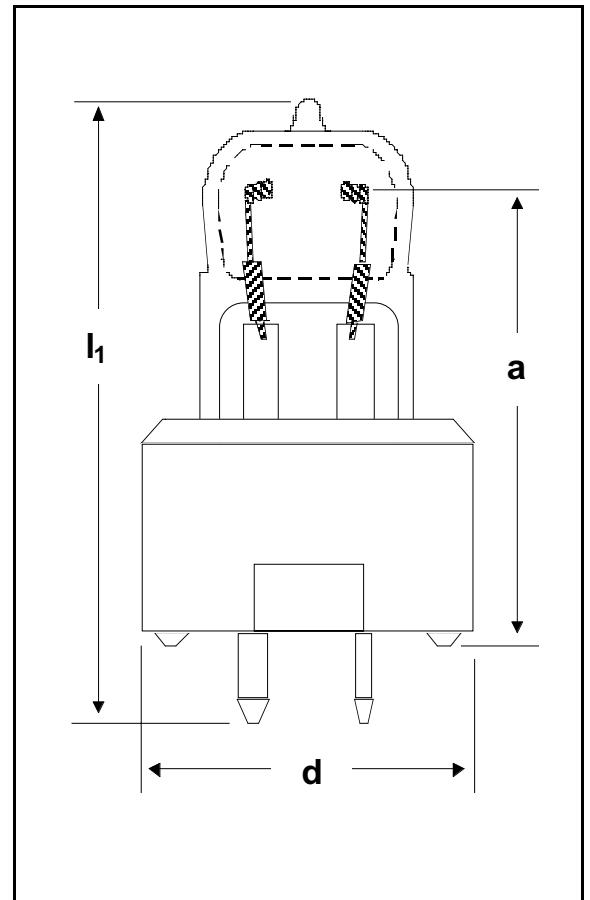
HTI[®] 152 W

■ Product description

The OSRAM HTI[®] 152 W is a metal halide lamp without outer bulb. The lamp is characterized by a high luminous flux and - with 2000 hours - a high service life with minimum color temperature shift over service life. The HTI[®] 152 W is mainly used in the effect light and commercial projection field.

■ Technical data

Lamp / order reference		HTI [®] 152 W
Rated lamp wattage	W	150
Rated lamp voltage	V	95
Rated lamp current	A	1.8 (sinus)
Ignition voltage (cold)	kV _s	4.5
Luminous flux	lm	10,000
Average luminance	cd/cm ²	4,200
Color temperature	K	5,000
Light arc length	mm	6.5
LCL a	mm	30 ± 1
Base diameter d	mm	28
Lamp length l ₁	mm	max. 48
Average service life	h	2,000
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

The HTI[®] 152 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	MZN 150S-T01, MZN 150S-T10
	ERC	64 00 03
Ballasts:	ABB	SOH DJ 150 2 KV
	ERC	68 68 16, 68 68 18
	May & Christe	1024.0905.013, 1024.0705.005
ECGs:	OSRAM	Powertronic 150 W
	Mitronic	ENE 90...200 W
	San Rex	SG 150