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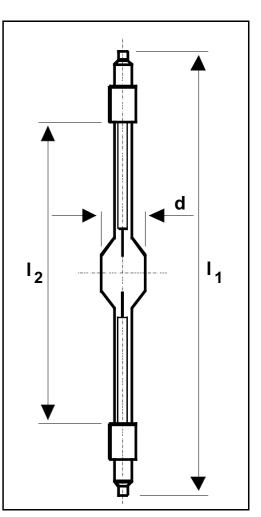
HMI[®] 2500 W/GS

Product description

The OSRAM HMI[®] 2500 W/GS is a double-ended metal halide lamp. Due to its short electrode gap (GS = gap shortened) the lamp is characterized by a high luminance and luminous efficacy. The HMI[®] 2500 W/GS is hot restrikeable.

Technical data

Order reference		HMI [®] 2500 W/GS
Rated lamp wattage	W	2,500
Rated lamp voltage	V	115
Rated lamp current (~)	A	25.6
Ignition voltage (cold / hot)	kVs	5 / 45 (max. 55)
Luminous flux	lm	240,000
Color temperature	К	6,000
Color rendering index	Ra	> 90
Electrode gap e	mm	14
Lamp length (overall) I1	mm	355
Lamp length I_2	mm	290
Bulb diameter d	mm	31.5
LCL a	mm	145
Average service life	h	500
Base		SFa 21



Lamp operation

Maximum permissible base temperature	°C	230
-		Convection
Burning position		horizontal \pm 30°, p 30

The HMI® 2500 W/GS can either be operated on standard ballasts or on electronic power supplies (ECG).

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

Ignitors:	BAUCH 905 and 922, Vagnini 25100K
Ballasts:	Power Gems EB 250 and 250 CD, Vagnini AL 2500
ECGs:	May & Christe HMI 2500W-5i, LEJ ebm 2500, DESISTI 2425

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

