

Technical Information

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Metal Halide Lamp

HMI[®] 575 W/GS

■ Product description

The OSRAM HMI[®] 575 W/GS is a double-ended metal halide lamp. Due to its very short arc length (GS = gap shortened) a high luminance and efficacy is achieved. The HMI[®] 575 W/GS stands out due to the hot restart ability and its by 30% increased service life compared to the previous version.

■ Technical data

Lamp / order reference	HMI [®] 575 W/GS	
Rated lamp wattage	W	575
Lamp voltage	V	95
Ignition voltage (cold / hot)	kV	5 / 20 (max. 25)*
Lamp current (~)	A	7
Luminous flux	lm	49,000
Luminous efficacy	lm/W	85
Color temperature	K	6,000
Electrode gap e (cold)	mm	7
Lamp length l_1 (over all)	mm	max. 135
Lamp length l_2	mm	115
Bulb diameter d	mm	21
Average service life	h	1,000
Base	SFc 10	

* maximum peak value of surge voltage

■ Lamp operation

Maximum base temperature allowed °C 230

Cooling Convection

Burning position any

The HMI[®] 575 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)

Igniters: BAG TURGI MZN 10.005; Bauch 250K; Hansmann ZG 500 PRO and ZG 501 PRO; Mitronic ZGV 40-11

Ballasts: irem BE-575; Sachtler Ballast 575

ECGs: May & Christe Typ HMI 575 W; LEJ ebm 575; Mitronic PE 400-575, CE 50-575, PFPE60 Line; Sachtler Netronic 575; Hansmann ER 575 and EFR 575; Schiederwerk 400/575, 575/700

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

