d

Technical Information

No. FO 4894

Edition: 11/04 - subject to change

Supersedes: Edition 02/02

Status: valid

HMI® 575 W/GS

■ Product description

The OSRAM HMI^{\otimes} 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^{\otimes} 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 (~)	Α	7
Luminous flux	lm	49,000
Luminous efficacy	lm/W	85
Color temperature	K	6,000
Electrode gap e (cold)	mm	7
Lamp length I ₁ (over all)	mm	max. 135
Lamp length I 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

12

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)

Ignitors: 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.

