

Technical Information

No. FO 4390

Edition: 11/04 - subject to change

Supersedes: Edition 08/04

Status: valid

Metal Halide Lamp

HMI[®] 575 W/SE

■ Product description

The OSRAM HMI[®] 575 W/SE is a metal halide lamp with outer bulb. The lamp serves as a standard light source and is characterized by its compact dimensions. The HMI[®] 575 W/SE is mainly used in the effect light and commercial projection field.

■ Technical data

Order reference		HMI [®] 575 W/SE
Rated lamp wattage	W	575
Rated lamp voltage	V	95
Rated lamp current (~)	A	7
Ignition voltage (cold / hot)	kV _s	5 / 20 (max. 25)
Luminous flux	lm	49,000
Luminous efficiency	lm/W	85
Color temperature	K	6,000
Color rendering index	Ra	> 90
Light arc length	mm	7
Lamp length (overall) l_1	mm	max. 145
Bulb diameter d	mm	max. 30
LCL a	mm	70
Average service life	h	750
Base		G22

■ Lamp operation

Maximum pinch seal temperature allowed	°C	350
--	----	-----

Cooling	Convection
---------	------------

Burning position	any
------------------	-----

The HMI[®] 575 W/SE can either be operated on standard ballast or on electronic power supplies (ECG).

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

Igniters: ERC 640032; I.R.E.M. AD-825, sAD-825; Mitronic ZGV 40-11; Walker SA-575-i2; Bauch 210, 252; Gossen ZG 0 and ZG 1; Hansmann ZG 500 PRO and ZG 501 PRO

Ballasts: ERC 686228/2; LTM 504501; Lumo 510-055; ARRI 575 CB; May & Christe 1100.0554.002; Mitronic VG 575

ECGs: B&S EB 575; Gossen C 37, AC 575; Mitronic PE 400-575, PE 575 MN, PFPE60 Line; ARRI 400/575 EB; 575/1200 EBB/EB DMX; Walker 575, SC 575/1200; Hansmann ER/ERF 575

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.

