

Technical Information

No. FO 5652

Edition: 01/08 - subject to change

Supersedes:
Status: valid



OSRAM CLASSIC

Metal Halide Lamp

EMH 575W/SE/75

■ Product description

The OSRAM CLASSIC EMH 575W/SE/75 is a single ended metal halide lamp with outer bulb. Due to its increased color temperature (7200 K), the light appears to be more bright for the human eye. The EMH 575W /SE/ 75 is the right choice for the disco, club- and touring field.

■ Technical data

Lamp / order reference		EMH 575 W/ SE/75
Rated lamp wattage	W	575
Rated lamp voltage	V	95
Rated lamp current (~)	A	7
Ignition voltage (cold)	kV _s	2
Luminous flux	lm	42,000
Average luminance	cd/cm ²	10,000
Color temperature	K	7,200
Color rendering index	Ra	> 70
Light arc length	mm	7
Lamp length (overall) l ₁	mm	117
Bulb diameter d	mm	max. 28
LCL (a)	mm	65
Average service life	h	750
Base		GX 9.5

■ Lamp operation

Maximum permissible base temperature	°C	350
Cooling		Convection or Fan
Burning position		any

The EMH 575W /SE/75 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 1000 S, SE 7/15 U; ERC 640042, 640032; May & Christe ZG 10 SE; ZUMTOBEL ZRM12
Ballasts:	ERC 686228/2; LTM 504501; Lumo 510-055; May & Christe 1100.0554.002; Mitronic VG 575
ECG:	Schiederwerk EVG 575/700, EVG 5-57

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

■ Safety instruction

Because of the high UV radiation emitted by EMH lamps and the fact that they operate at high pressure, they must only be used in purpose-built enclosed housings. Suitable filters must be used to ensure that the UV radiation is reduced to an acceptable level.

