Technical Information

No. FO 5652

Edition: 01/08 - subject to change

Supersedes: Status: valid



OSRAM CLASSIC

Metal Halide Lamp

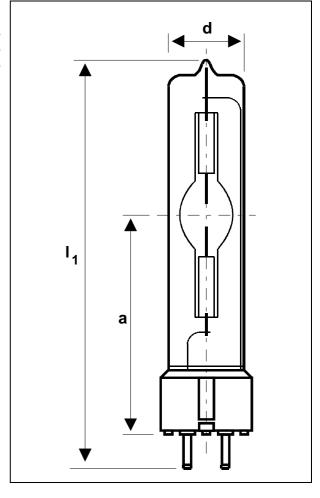
EMH 575W/SE/75

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 (~)	Α	7
Ignition voltage (cold)	kVs	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) I 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

Ballasts:

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)

Ignitors: BAG TURGI MZN 1000 S, SE 7/15 U; ERC 640042, 640032;

May & Christe ZG 10 SE; ZUMTOBEL ZRM12 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 Ignitors - 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.

