Technical Information No. DO 5648

Edition: 01/08 - subject to change Supersedes: Status: valid



OSRAM CLASSIC

Metal Halide Lamp

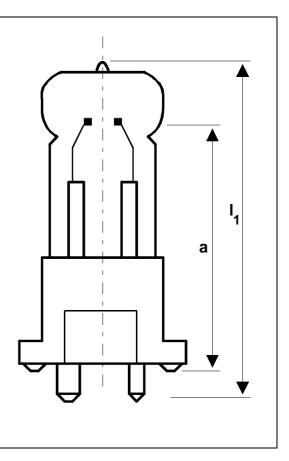
EMH 150 W/SE/70

Product description

The OSRAM CLASSIC EMH 150W/SE/70 is a small-sized light source which offers daylight characteristic, a high luminous flux and a reasonable service life. The EMH 150W/SE/70 is mainly used in the effect lighting and commercial projection field.

Technical data

Lamp / order reference		EMH 150 W/SE/70
Rated lamp wattage	W	150
Rated lamp voltage	V	90
Rated lamp current (sinus)	Α	1.8
Ignition voltage (cold)	kV _s	4.5
Luminous flux	lm	8,000
Average luminance	cd/cm ²	5,000
Color temperature	K	6,900
Color rendering index	Ra	> 70
Light arc length	mm	5
LCL (a)	mm	30
Lamp length I ₁	mm	max. 46
Average service life	h	500
Base		GY 9,5



Lamp operation

Maximum permissible base temperature	°C	230
Cooling		Convection or Fan
Burning position		any; luminous arc horizontal, electrodes must not be arranged one above the other

The EMH 150 W/SE/70 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 150S-T01, MZN 150S-T10
	ERC	64 00 03
Ballasts:	ABB	SOH DJ 150 2 KV
	ERC	68 68 16, 68 68 18
	May & Christe	1024.0905.013, 1024.0705.005
ECGs:	OSRAM	Powertronic 150 W
	Mitronic	ENE 90200 W
	Rotec	M150MHS 150W

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.

