

## Technical Information

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## Metal Halide Lamp

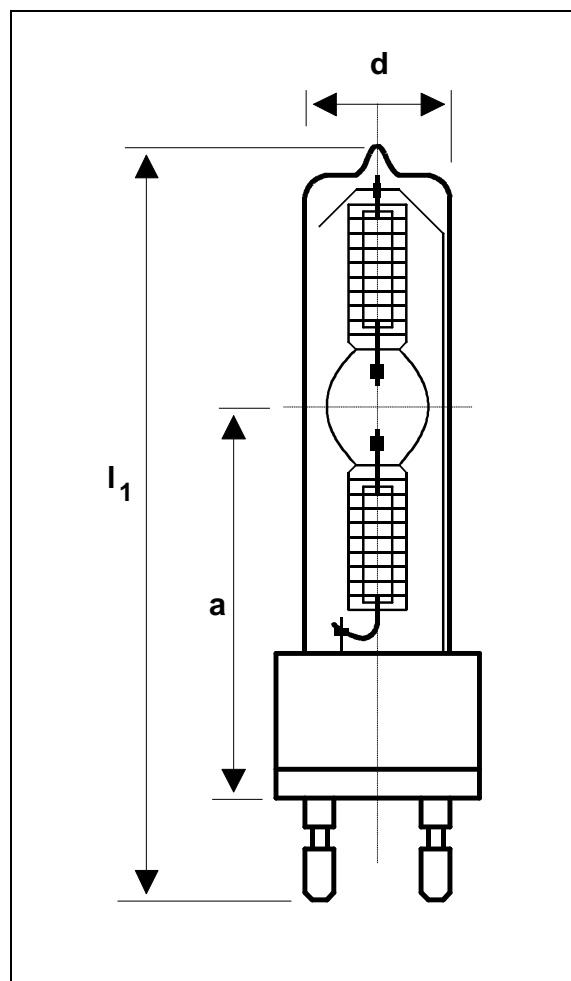
# HMI® DIGITAL 575W

### ■ Product description

The OSRAM HMI® DIGITAL 575W is a metal halide lamp with outer jacket. Due to its compact design and the high output a high system efficacy is achieved. The lamp stands pinch temperatures up to 350°C. New outer bulb material reduces UV emissions down to 0.1%. This lamp type is mainly used in film, theatre and TV lighting applications.

### ■ Technical data

Order reference	HMI®	DIGITAL 575W
Rated lamp wattage	W	575
Rated lamp voltage	V	94
Rated lamp current (~)	A	6.1
Ignition voltage (cold, kHz-ign.)	kV <sub>s</sub>	5.0
Ignition voltage (cold/hot, MHz-ign.)	kV <sub>s</sub>	10 / 20 (max. 25)
Luminous flux	lm	49,000
Luminous efficacy	lm/W	85
Color temperature	K	6,400
Color rendering index	Ra	> 90
Light arc length	mm	7
Lamp length (overall) l <sub>1</sub>	mm	max. 145
Bulb diameter d	mm	max. 30
LCL a	mm	70
Average service life	h	1,000
Base		G22



### ■ Lamp operation

Maximum pinch seal  
temperature allowed      °C      350

Cooling      Convection

Burning position      any

The HMI® DIGITAL 575W can be used only on electronic control gears (ECG) especially for flicker-free operation.

### ■ Selection of ignitors and control gear (not all officially approved by OSRAM)

Ignitors:      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

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

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