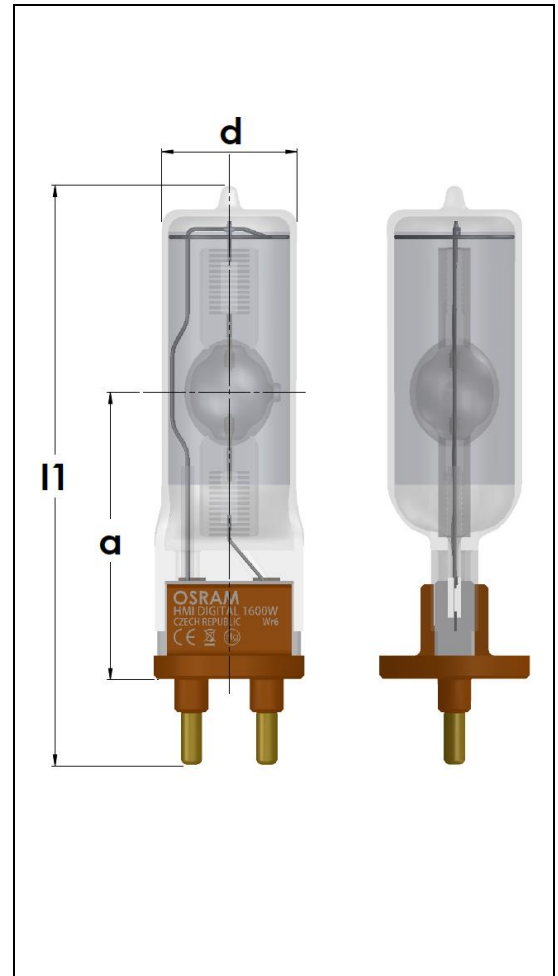


■ Product description

The OSRAM HMI® DIGITAL 1600W is a single ended metal halide lamp with outer jacket. The lamp is characterized by its compact dimensions and daylight-like colour temperature. Featuring OSRAM's eXtreme-Seal Technology, the lamp withstands pinch temperatures up to 450°C. The HMI® DIGITAL 1600W is mainly used in the stage, film, studio and TV lighting applications. New outer bulb material reduces UV emissions down to 0.1%.

■ Technical data

Order reference	HMI®	DIGITAL 1600W
Rated lamp wattage	W	1600
Rated lamp voltage	V	155
Rated lamp current (~)	A	10.3
Ignition voltage (cold)	kV _s	5
Ignition voltage (hot)	kV _s	25 (max. 35)
Luminous flux	lm	144,000
Luminous efficacy	lm/W	90
Color temperature	K	7,250
Color rendering index	Ra	> 90
Light arc length	mm	12.5
Lamp length (overall) l ₁	mm	max. 173
Bulb diameter d	mm	max. 42
LCL a	mm	85
Average service life	h	750
Base		G22



■ Lamp operation

Maximum permissible base temperature °C 450 / with eXtreme Seal Technology (measured at welding point)

Cooling convection or Fan

Burning position any

The HMI® DIGITAL 1600W can be used only on electronic gears (ECG).

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

EVG: K5600 Joker Bug 1600

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.