

HMI 800 W/SEL XS

HMI | Metal halide lamps, single-ended



Areas of application

- Film and television recording in daylight conditions, in the studio or outdoors
- Film and TV production (high-wattage lamps)
- Stage (lighting for dramatic effect)
- Entertainment

Product benefits

- Very high luminous efficacy of up to 100 lm/W

Product features

- Color temperature: approx. 6,000 K (Daylight)
- Hot restart capability
- High color rendering index: $R_a >$



Product datasheet

Technical data

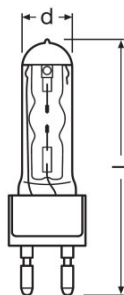
Electrical data

Nominal voltage	95.0 V
Lamp voltage	95 V
Nominal current	8.40 A
Nominal wattage	800.00 W

Photometrical data

Nominal luminous flux	47300 lm
Color temperature	6000 K
Color rendering index Ra	90

Dimensions & weight



Diameter	30.0 mm
Length	145.0 mm
Light center length (LCL)	70.0 mm

Lifespan

Lifespan	1000 h
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Additional product data

Base (standard designation)	G22
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Capabilities

Burning position	Any
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Certificates & standards

EEL – Energy Label	C
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Product datasheet

Safety advice

Because of their high luminance, UV radiation (does not apply to HMI UVS) and high internal pressure during operation, HMI lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Appropriate filters must ensure that UV radiation of standard HMI lamps is reduced to an acceptable level. Mercury is released if the lamp breaks. Special safety precautions must be taken. Information on safety and handling is available on request or can be found in the leaflet included with the lamp or in the operating instructions.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899984141	HMI 800 W/SEL XS	Folding carton box 1	- x - x -		
4052899984189	HMI 800 W/SEL XS	Shipping carton box 10	295 mm x 125 mm x 190 mm	7.01 dm ³	1734.00 g
4052899984417	HMI 800 W/SEL XS	Folding carton box 1	- x - x -		
4052899984424	HMI 800 W/SEL XS	Shipping carton box 10	295 mm x 125 mm x 190 mm	7.01 dm ³	1734.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

Further information can be found in the following brochures, obtainable on request from OSRAM:

“Technology and applications/Metal halide lamps”

“Guidelines for control gear and igniters for metal halide lamps”

“Availability of control gear and igniters”

“Rome. 8 pm. Overcast. No problem. HMI lamps”

“High Noon” HMI 12.000 and 18.000 W/SE/GX51

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.
