

HMI 400 W/SE

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)
- Dimmable
- Hot restart capability
- High color rendering index: $R_a >$



Product datasheet

Technical data

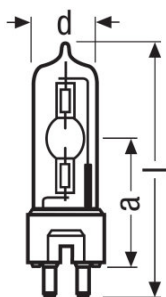
Electrical data

Nominal wattage	400.00 W
Nominal voltage	70.0 V
Lamp voltage	70 V
Nominal current	6.9 A

Photometrical data

Nominal luminous flux	33000 lm
Color temperature	6000 K
Color rendering index Ra	90

Dimensions & weight



Diameter	23.0 mm
Length	110.0 mm
Light center length (LCL)	60.0 mm

Lifespan

Lifespan	650 h
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Additional product data

Base (standard designation)	GZZ9.5
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Capabilities

Burning position	Any
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Certificates & standards

EEL – Energy Label	B
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Product datasheet

Country specific information

Product code	METEL-Code	SEG-No.	STK number	UK Org
4008321625649	-	-	4836431	-

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
4008321625649	HMI 400 W/SE	Folding carton box 1	143 mm x 46 mm x 46 mm	0.30 dm ³	63.00 g
4008321625656	HMI 400 W/SE	Shipping carton box 10	245 mm x 184 mm x 117 mm	5.27 dm ³	759.33 g
4052899152632	HMI 400 W/SE	Folding carton box 1	45 mm x 45 mm x 140 mm	0.28 dm ³	61.00 g
4052899152649	HMI 400 W/SE	Shipping carton box 10	245 mm x 105 mm x 165 mm	4.24 dm ³	612.00 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.
