

## HMI 18000 W/SE XS GX51

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

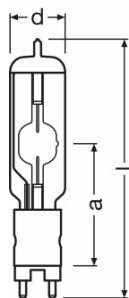
### Electrical data

Nominal wattage	18000.00 W
Nominal voltage	225 V
Lamp voltage	225 V
Nominal current	88.0 A

### Photometrical data

Nominal luminous flux	600000 lm
Color temperature	6000 K
Color rendering index Ra	90

### Dimensions & weight



Diameter	100.0 mm
Length	495.0 mm
Light center length (LCL)	260.0 mm

### Lifespan

Lifespan	350 h
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### Additional product data

Base (standard designation)	GX51
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### Capabilities

Burning position	s135
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### Certificates & standards

EEL – Energy Label	B
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## Product datasheet

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### 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.

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321098955	HMI 18000 W/SE XS GX51	Shipping carton box 1	715 mm x 240 mm x 240 mm	41.18 dm <sup>3</sup>	3270.00 g

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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.

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### 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

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### Disclaimer

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

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