

HMI 1200 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)
- Dimmable
- Hot restart capability
- High color rendering index: $R_a >$



Product datasheet

Technical data

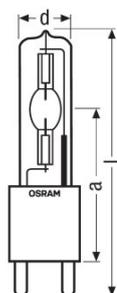
Electrical data

| | |
|-----------------|-----------|
| Nominal wattage | 1200.00 W |
| Nominal voltage | 100 V |
| Lamp voltage | 100 V |
| Nominal current | 13.8 A |

Photometrical data

| | |
|--------------------------|-----------|
| Nominal luminous flux | 110000 lm |
| Color temperature | 6000 K |
| Color rendering index Ra | 90 |

Dimensions & weight



| | |
|---------------------------|----------|
| Diameter | 42.0 mm |
| Length | 200.0 mm |
| Light center length (LCL) | 107.0 mm |

Lifespan

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|----------|--------|
| Lifespan | 1000 h |
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Additional product data

| | |
|-----------------------------|-----|
| Base (standard designation) | G38 |
|-----------------------------|-----|

Capabilities

| | |
|------------------|-----|
| Burning position | Any |
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Certificates & standards

| | |
|--------------------|---|
| EEL – Energy Label | B |
|--------------------|---|

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 |
|---------------|---------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4008321674197 | HMI 1200 W/SEL XS | Shipping carton box 1 | 395 mm x 90 mm x 125 mm | 4.44 dm ³ | 388.00 g |
| 4052899152670 | HMI 1200 W/SEL XS | Shipping carton box 1 | 310 mm x 160 mm x 165 mm | 8.18 dm ³ | 490.00 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
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Disclaimer

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