

## HSR

Single end metal halide lamps designed to provide optimal thermal and mechanical stability.



### Areas of application

- Concert Lighting
- Club & Disco
- Architecture & Architainment

### Product features and benefits

- Proven, reliable technology for entertainment and architectural fixtures
- Designed with an outer quartz jacket providing compact and rugged construction
- High luminous efficacy of up to 90 lumens/watt



# Product family datasheet

## Technical data

| Product description | General Product Information |                         |              |                        |
|---------------------|-----------------------------|-------------------------|--------------|------------------------|
|                     | Product number (Americas)   | Product name (Americas) | Family brand | Global order reference |
| HSR 400 W/60        | 54102                       | HSR 400/60 10/CS 1/SKU  | HSR          | HSR 400 W/60           |
| HSR 575 W/60        | 54115                       | HSR 575/60 10/CS 1/SKU  | HSR          | HSR 575 W/60           |
| HSR 575 W/72        | 54116                       | HSR 575/72 10/CS 1/SKU  | HSR          | HSR 575 W/72           |

| Product description | Lamp type  | Electrical Data |                 |                 |
|---------------------|------------|-----------------|-----------------|-----------------|
|                     |            | Nominal wattage | Nominal voltage | Nominal current |
| HSR 400 W/60        |            | 400 W           | 67.0 V          | 6.9 A           |
| HSR 575 W/60        |            | 575 W           | 95.0 V          | 7 A             |
| HSR 575 W/72        | SINGLE END | 575 W           | 95.0 V          | 7 A             |

| Product description | Photometric Data  | Physical Attributes & Dimensions | Operating Conditions |                          |
|---------------------|-------------------|----------------------------------|----------------------|--------------------------|
|                     | Color temperature | Lamp base                        | Burning position     | Cooling                  |
| HSR 400 W/60        | 6000 K            | GX9.5                            | Other                | Convection <sup>1)</sup> |
| HSR 575 W/60        | 6000 K            | GX9.5                            | Other                | Convection <sup>1)</sup> |
| HSR 575 W/72        | 7200 K            | GX9.5                            | Other                | Convection <sup>1)</sup> |

| Product description | Max. permitted ambient temp. pinch point | Lifetime Data    | Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                    |
|---------------------|--|------------------|--|------------------------------------|
|                     |  | Nominal lifetime | Primary article identifier   | Declaration no. in SCIP database   |
| HSR 400 W/60        | 350 °C <sup>2)</sup>                     | 1000 hr          | 4008321631503   4050300315942  | No declarable substances contained |
| HSR 575 W/60        | 350 °C <sup>2)</sup>                     | 1000 hr          | 4050300941776   4008321625885  | No declarable substances contained |
| HSR 575 W/72        | 350 °C <sup>2)</sup>                     | 1000 hr          | 4008321625908   4008321662583  | No declarable substances contained |

| Product description | Candidate list substance 1         |
|---------------------|------------------------------------|
| HSR 400 W/60        | No declarable substances contained |
| HSR 575 W/60        | No declarable substances contained |
| HSR 575 W/72        | No declarable substances contained |

<sup>1)</sup> Fan

<sup>2)</sup> Measured at Molybdenum foil / Pinch Seal region (eXtreme Seal Technology)

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### Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, HSR lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Appropriate filters must ensure that UV radiation 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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### Application advice

For more detailed application information and graphics please see product datasheet.

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### Disclaimer

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