

4ArXS HSD

Long-life short-arc metal halide lamps ideal for architectural applications.



Areas of application

- Architecture & Architainment
- Concert Lighting
- Club & Disco

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
- 4ARXS ("For Architainment eXtreme Seal") are designed to withstand temperatures up to 450°C at the pinch seal and provide longer lamp life of up to 3,000 hrs (when operated on an ECG)



Product family datasheet

Technical data

| Product description | General Product Information | | | |
|---------------------|-----------------------------|----------------------------------|--------------|------------|
| | Product number (Americas) | Product name (Americas) | Family brand | Lamp type |
| 4ARXS HSD 150W/70 | 54311 | 4ARXS HSD 150W/70 10/CS 1/SKU | 4ArXS HSD | SINGLE END |
| 4ArXS HSD 250 W/60 | 54170 | 4ArXS HSD 250W/60 10/CS 1/SKU | 4ArXS HSD | SINGLE END |
| 4ArXS HSD 250 W/80 | 54243 | 4ArXS HSD 250W/80 10/CS 1/SKU | 4ArXS HSD | SINGLE END |
| 4ArXS HSD 575 W/72 | 54129 | 4ARXS HSD 575W/72 10/CS 1/SKU | 4ArXS HSD | SINGLE END |

| Product description | Global order reference | Electrical Data | | |
|---------------------|------------------------|-----------------|-----------------|-----------------|
| | | Nominal wattage | Nominal voltage | Nominal current |
| 4ARXS HSD 150W/70 | 4ARXS HSD 150W/ | 150 W | 97.0 V | 1.6 A |
| 4ArXS HSD 250 W/60 | 4ArXS HSD 250 W/60 | 250 W | 85.0 V | 3 A |
| 4ArXS HSD 250 W/80 | 4ArXS HSD 250 W/80 | 250 W | 92.0 V | 2.8 A |
| 4ArXS HSD 575 W/72 | 4ArXS HSD 575 W/72 | 575 W | 88.0 V | 7.2 A |

| Product description | Photometric Data | Physical Attributes & Dimensions | | |
|---------------------|-------------------|----------------------------------|---------------|----------|
| | Color temperature | Lamp base | Diameter (in) | Diameter |
| 4ARXS HSD 150W/70 | 7000 K | G12 | 0.787 in | 20.0 mm |
| 4ArXS HSD 250 W/60 | 6000 K | GY9.5 | 0.906 in | 23.0 mm |
| 4ArXS HSD 250 W/80 | 8000 K | GY9.5 | 0.906 in | 23.0 mm |
| 4ArXS HSD 575 W/72 | 7200 K | GX9.5 | 1.181 in | 30.0 mm |

| Product description | Length | Product weight | Electrode gap (cold) | Lifetime Data |
|---------------------|----------|----------------|----------------------|------------------|
| | | | | Nominal lifetime |
| 4ARXS HSD 150W/70 | 105.0 mm | 31.20 g | | 3000 hr |
| 4ArXS HSD 250 W/60 | 108.0 mm | 31.60 g | 5.0 mm | 2000 hr |
| 4ArXS HSD 250 W/80 | 108.0 mm | 31.60 g | | 3000 hr |
| 4ArXS HSD 575 W/72 | 135.0 mm | 65.50 g | 7.0 mm | 3000 hr |

| Product description | Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | |
|---------------------|---|------------------------------------|------------------------------------|
| | Primary article identifier | Declaration no. in SCIP database | Candidate list substance 1 |
| 4ARXS HSD 150W/70 | 4008321625847 | No declarable substances contained | No declarable substances contained |
| 4ArXS HSD 250 W/60 | 4008321625762 | No declarable substances contained | No declarable substances contained |
| 4ArXS HSD 250 W/80 | 4008321625786 | No declarable substances contained | No declarable substances contained |
| 4ArXS HSD 575 W/72 | 4008321625809 | No declarable substances contained | No declarable substances contained |

Product family datasheet

Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, 4ArXS HSD 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.

Application advice

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

Disclaimer

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