

HMI double-ended

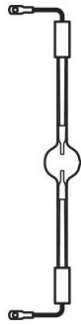


Product family features

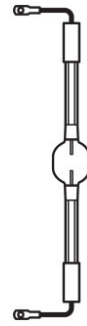
- Color temperature: approx. 6,000 K (Daylight)
- High color rendering index: $R_a >$
- Very bright with luminous flux up to 2.3 million lumen
- Very high luminous efficacy up to 100 lm/W
- Robust design with eXtreme Seal (XS) technology, allowing up to 450°C at the pinch seal
- Hot restart capability



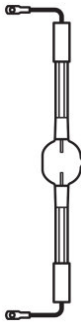
Product family datasheet



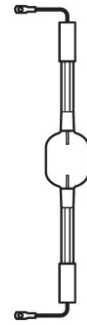
340667_HMI 6000W DXS



340671_HMI 12000W DXS



340677_HMI 18000W DXS



340682_HMI 24000W DXS

Product family datasheet

Technical data

| Product description | Electrical data | | | Photometrical data | | | Dimensions & weight |
|----------------------|-----------------|-----------------|---------------------------|-----------------------|-------------------|--------------------------|---------------------|
| | Nominal voltage | Nominal current | Ignition voltage cold/hot | Nominal luminous flux | Color temperature | Color rendering index Ra | Diameter |
| HMI 575 W/DXS | 95.0 V | 7 A | | 49000 lm | 6000 K | 90 | 21.0 mm |
| HMI 1200 W/DXS | 100 V | 13.80 A | | 110000 lm | 6000 K | > 90 | 27.0 mm |
| HMI 2500 W/S XS | 115 V | 25.6 A | | 240000 lm | 6000 K | 90 | 31.5 mm |
| HMI 2500 W/DXS | 115 V | 25.6 A | 20/45 kVp ¹⁾ | 240000 lm | 6000 K | 90 | 31.5 mm |
| HMI 4000 W/DXS | 200 V | 24.0 A | 20/65 kVp | 380000 lm | 6000 K | 90 | 36.0 mm |
| HMI 4000 W/DXS SOLAR | 201 V | 24.00 A | | 395000 lm | 7000 K | >90 | 36.0 mm |
| HMI 6000 W/DXS | 122 V | 55.0 A | | 570000 lm | 6000 K | 90 | 54.0 mm |
| HMI 12000 W/DXS | 240 V | 84 A | | 1150000 lm | 6000 K | 90 | 64.0 mm |
| HMI 18000 W/DXS | 380 V | 79 A | | 1700000 lm | 6000 K | > 90 | 70.0 mm |
| HMI 24000 W/DXS | 280 V | 90 A | | 2300000 lm | 6000 K | 90 | 83.0 mm |

| Product description | Length | Mounting length | Electrode gap cold | Lifespan | Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|----------------------|----------|-----------------|--------------------|----------|--|
| | | | | Lifespan | Date of Declaration |
| HMI 575 W/DXS | 135.0 mm | 115.0 mm | | 1000 h | 25-04-2022 |
| HMI 1200 W/DXS | 220.0 mm | 180.0 mm | | 1000 h | 25-04-2022 |
| HMI 2500 W/S XS | 210.0 mm | 150.0 mm | | 500 h | 25-04-2022 |
| HMI 2500 W/DXS | 355.0 mm | 290.0 mm | 14.0 mm | 500 h | 25-04-2022 |
| HMI 4000 W/DXS | 405.0 mm | 340.0 mm | 34.0 mm | 500 h | 25-04-2022 |
| HMI 4000 W/DXS SOLAR | 405.0 mm | | | 500 h | 08-02-2022 |
| HMI 6000 W/DXS | 450.0 mm | | | 500 h | 25-04-2022 |
| HMI 12000 W/DXS | 470.0 mm | | | 500 h | 25-04-2022 |
| HMI 18000 W/DXS | 500.0 mm | | 44.0 mm | 500 h | 25-04-2022 |
| HMI 24000 W/DXS | 1000 mm | | | 500 h | 25-04-2022 |

Product family datasheet

| Product description | Primary Article Identifier | Candidate List Substance 1 | Declaration No. in SCIP database | CAS No. of substance 1 |
|----------------------|--------------------------------|------------------------------------|--------------------------------------|------------------------|
| HMI 575 W/DXS | 4050300932071 4008321285102 | No declarable substances contained | In work | |
| HMI 1200 W/DXS | 4050300932088 4008321931153 | No declarable substances contained | In work | |
| HMI 2500 W/S XS | 4050300025780 | No declarable substances contained | No declarable substances contained | |
| HMI 2500 W/DXS | 4050300932095 4008321182197 | No declarable substances contained | In work | |
| HMI 4000 W/DXS | 4050300932101 4008321210203 | No declarable substances contained | In work | |
| HMI 4000 W/DXS SOLAR | 4052899152601 | No declarable substances contained | No declarable substances contained | |
| HMI 6000 W/DXS | 4050300932118 4008321210210 | Lead | 473650A6-C144-4760-A4F0-5F7779E0D7FE | 7439-92-1 |
| HMI 12000 W/DXS | 4008321210227 | Lead | 9BBBE108-6929-4EC2-90C3-F2313BF610CC | 7439-92-1 |
| HMI 18000 W/DXS | 4008321370280 10046135542135 | Lead | F14371F4-413D-4982-A113-E8E17DE542E0 | 7439-92-1 |
| HMI 24000 W/DXS | 4008321355805 10046135543255 | Lead | E6C82C15-550E-4821-97A3-8ABF917BAEA6 | 7439-92-1 |

| Product description | Safe Use Instruction | Capabilities |
|----------------------|--|--------------|
| | | Cooling |
| HMI 575 W/DXS | | |
| HMI 1200 W/DXS | | |
| HMI 2500 W/S XS | | |
| HMI 2500 W/DXS | | Convection |
| HMI 4000 W/DXS | | Convection |
| HMI 4000 W/DXS SOLAR | | |
| HMI 6000 W/DXS | The identification of the Candidate List substance is sufficient to allow safe use of the article. | |
| HMI 12000 W/DXS | The identification of the Candidate List substance is sufficient to allow safe use of the article. | |

Product family datasheet

| Product description | Safe Use Instruction | Capabilities |
|---------------------|--|--------------|
| | | Cooling |
| HMI 18000 W/DXS | The identification of the Candidate List substance is sufficient to allow safe use of the article. | Convection |
| HMI 24000 W/DXS | The identification of the Candidate List substance is sufficient to allow safe use of the article. | Convection |

¹⁾ Max. 55 kV

Product family datasheet

Safety advice

Because of their high luminance, UV radiation 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 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.