

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



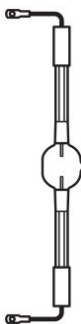
Product family datasheet



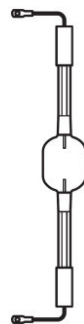
340667_HMI 6000W DXS



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	09-12-2022
HMI 12000 W/DXS	470.0 mm			500 h	09-12-2022
HMI 18000 W/DXS	500.0 mm		44.0 mm	500 h	09-12-2022
HMI 24000 W/DXS	1000 mm			375 h	09-12-2022

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

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

Product family datasheet

		Capabilities
Product description	Safe Use Instruction	Cooling
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

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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.