

HMI double-ended



Product family features

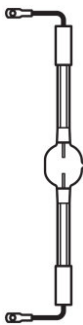
- Color temperature: approx. 6,000 K (Daylight)
- High color rendering index: $R_a >$
- Very bright with luminous flux up to 2.3 million lumen
- Very high luminous efficacy up to 100 lm/W
- Robust design with eXtreme Seal (XS) technology, allowing up to 450°C at the pinch seal
- Hot restart capability



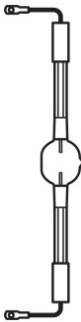
Product family datasheet



340667_HMI 6000W DXS



340671_HMI 12000W DXS



340677_HMI 18000W DXS

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	950 V	7 A		49000 lm	6000 K	90	210 mm
HMI 1200 W/DXS	100 V	1380 A		110000 lm	6000 K	> 90	270 mm
HMI 2500 W/S XS	115 V	256 A		240000 lm	6000 K	90	315 mm
HMI 2500 W/DXS	115 V	256 A	20/45 kVp ¹⁾	240000 lm	6000 K	90	315 mm
HMI 4000 W/DXS	200 V	240 A	20/65 kVp	380000 lm	6000 K	90	360 mm
HMI 4000 W/DXS SOLAR	201 V	2400 A		395000 lm	7000 K	>90	360 mm
HMI 6000 W/DXS	122 V	550 A		570000 lm	6000 K	90	540 mm
HMI 12000 W/DXS	240 V	84 A		1150000 lm	6000 K	90	640 mm
HMI 18000 W/DXS	380 V	79 A		1700000 lm	6000 K	> 90	700 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	1350 mm	115.0 mm		1000 h	05-03-2024
HMI 1200 W/DXS	2200 mm	180.0 mm		1000 h	05-03-2024
HMI 2500 W/S XS	2100 mm	150.0 mm		500 h	05-03-2024
HMI 2500 W/DXS	3550 mm	290.0 mm	14.0 mm	500 h	05-03-2024
HMI 4000 W/DXS	4050 mm	340.0 mm	34.0 mm	500 h	05-03-2024
HMI 4000 W/DXS SOLAR	4050 mm			500 h	06-03-2024
HMI 6000 W/DXS	4500 mm			500 h	05-03-2024
HMI 12000 W/DXS	4700 mm			500 h	05-03-2024
HMI 18000 W/DXS	5000 mm		44.0 mm	500 h	05-03-2024

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	

Product family datasheet

Product description	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database	CAS No. of substance 1
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

		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

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.