

## HMI Double End Lamps

High performance double end HMI lamps with enhanced heat dissipating technology



### Areas of application

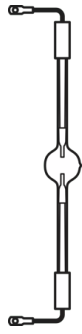
- Studio, TV, & Film
- Professional & High Speed Photography
- Solar Simulation

### Product features and benefits

- High intensity light providing true color performance with a  $>90$
- Longer life with heat dissipating round moly-foil design on lamps  $\geq 6000W$
- Mechanically robust with eXtreme Seal (XS) technology, up to  $450^{\circ}C$  at the pinch seal
- Capable of hot restrike ignition
- High stability of color temperature over lifetime
- High energy efficiency providing up to  $100 \text{ lm/W}$
- Compression sealed base provides enhanced durability

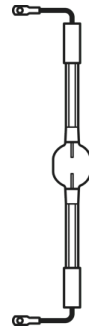


## Product family datasheet



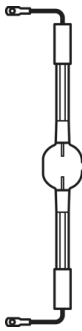
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HMI 6000W DXS



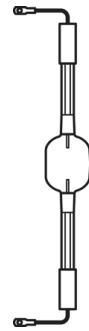
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HMI 12000W DXS



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HMI 18000W DXS



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HMI 24000W DXS

## Product family datasheet

### Technical data

Product description	General Product Information			
	Product number (Americas)	Product name (Americas)	Family brand	Lamp type
HMI 575 W/DXS	54313	HMI 575W/DXS 10/CS 1/SKU	HMI	DOUBLE ENDED
HMI 1200 W/DXS	55139	HMI 1200W/DXS 10/CS 1/SKU	HMI	
HMI 2500 W/S XS	54068	HMI 2500W/S/XS 1/CS 1/SKU	HMI	
HMI 2500 W/DXS	54265	HMI 2500W/DXS 1/CS 1/SKU	HMI	
HMI 4000 W/DXS	54314	HMI 4000W/DXS 1/CS 1/SKU	HMI	
HMI 6000 W/DXS	54315	HMI 6000W/DXS 1/CS 1/SKU	HMI	
HMI 12000 W/DXS	54316	HMI 12000W/DXS 1/CS 1/SKU	HMI	ROUNDFOIL
HMI 4000 W/DXS SOLAR	56783	HMI4000WDXSSOLA R 1/CS 1/SKU		
HMI 18000 W/DXS	54213	HMI 18000W/DXS 1/CS 1/SKU	HMI	
HMI 24000 W/DXS	54325	HMI 24000W/DXS 1/CS 1/SKU	HMI	

Product description	Global order reference	Electrical Data		
		Nominal wattage	Nominal voltage	Nominal current
HMI 575 W/DXS	HMI 575 W/DXS	575 W	95.0 V	7 A
HMI 1200 W/DXS	HMI 1200 W/DXS	1200 W	100 V	13.8 A
HMI 2500 W/S XS	HMI 2500 W/S XS	2500 W	115 V	25.6 A
HMI 2500 W/DXS	HMI 2500 W/DXS	2500 W	115 V	25.6 A
HMI 4000 W/DXS	HMI 4000 W/DXS	4000 W	200 V	24 A
HMI 6000 W/DXS	HMI 6000 W/DXS	6000 W	122 V	55 A
HMI 12000 W/DXS	HMI 12000 W/DXS	12000 W	240 V	84 A
HMI 4000 W/DXS SOLAR	HMI 4000 W/DXS SOLAR	4000 W	200 V	24 A
HMI 18000 W/DXS	HMI 18000 W/DXS	18000 W	225 V	79 A
HMI 24000 W/DXS	HMI 24000 W/DXS	24000 W	280 V	90 A

Product description	Photometric Data	Physical Attributes & Dimensions		
	Nominal luminous flux	Lamp base	Diameter	Diameter (in)
HMI 575 W/DXS	49000 lm	SFc10-4	21.0 mm	0.827 in
HMI 1200 W/DXS	110000 lm	SFc15.5	27.0 mm	1.063 in
HMI 2500 W/S XS	240000 lm	SFa21-12	31.5 mm	1.260 in
HMI 2500 W/DXS	240000 lm	SFa21	31.5 mm	1.260 in
HMI 4000 W/DXS	380000 lm	SFa21	36.0 mm	1.417 in

## Product family datasheet

Product description	Photometric Data	Physical Attributes & Dimensions		
	Nominal luminous flux	Lamp base	Diameter	Diameter (in)
HMI 6000 W/DXS	570000 lm	S25.5	54.0 mm	2.126 in
HMI 12000 W/DXS	1150000 lm	S30	64.0 mm	2.520 in
HMI 4000 W/DXS SOLAR	395000 lm	SFa21-12	36.0 mm	
HMI 18000 W/DXS	1700000 lm	S30	70.0 mm	2.756 in
HMI 24000 W/DXS	2300000 lm	S30	83.0 mm	3.268 in

Product description	Length	Length with base excl. base pins/connection	Product weight	Electrode gap (cold)
HMI 575 W/DXS	135.0 mm	115.00 mm	33.00 g	
HMI 1200 W/DXS	220.0 mm	180.00 mm	104.00 g	
HMI 2500 W/S XS	210.0 mm	150.00 mm	150.00 g	
HMI 2500 W/DXS	355.0 mm	290.00 mm	196.00 g	14.0 mm
HMI 4000 W/DXS	405.0 mm	340.00 mm	228.00 g	34.0 mm
HMI 6000 W/DXS	450.0 mm		511.00 g	
HMI 12000 W/DXS	470.0 mm		930.00 g	
HMI 4000 W/DXS SOLAR	405.0 mm	340.00 mm	185.00 g	
HMI 18000 W/DXS	500.0 mm		1000.00 g	44.0 mm
HMI 24000 W/DXS	500.0 mm		1100.00 g	

Product description	Connector: presence	Operating Conditions		
		Burning position	Cooling	Maximum permitted ambient temperature at base
HMI 575 W/DXS		Any		
HMI 1200 W/DXS		Any		
HMI 2500 W/S XS		Other		
HMI 2500 W/DXS		Other	Convection	450 °C
HMI 4000 W/DXS		p15	Convection	450 °C
HMI 6000 W/DXS	Yes	p15		
HMI 12000 W/DXS	Yes	p15		
HMI 4000 W/DXS SOLAR		p15		
HMI 18000 W/DXS	Yes	p15	Convection	
HMI 24000 W/DXS	Yes	p15	Convection	

Product description	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	Candidate list substance 1
HMI 575 W/DXS	1000 hr	4008321285102	No declarable substances contained	No declarable substances contained
HMI 1200 W/DXS	1000 hr	4008321931153	No declarable substances contained	No declarable substances contained

## Product family datasheet

Product description	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	Candidate list substance 1
HMI 2500 W/S XS	500 hr	4050300025780	No declarable substances contained	No declarable substances contained
HMI 2500 W/DXS	500 hr	4008321182197	No declarable substances contained	No declarable substances contained
HMI 4000 W/DXS	500 hr	4008321210203	No declarable substances contained	No declarable substances contained
HMI 6000 W/DXS	500 hr	4008321210210	473650a6-c144-4760-a4f0-5f7779e0d7fe	Lead
HMI 12000 W/DXS	500 hr	4008321210227	9bbbe108-6929-4ec2-90c3-f2313bf610cc	Lead
HMI 4000 W/DXS SOLAR	500 hr	4052899152601	No declarable substances contained	No declarable substances contained
HMI 18000 W/DXS	500 hr	4008321370280	f14371f4-413d-4982-a113-e8e17de542e0	Lead
HMI 24000 W/DXS	375 hr	4008321355805	e6c82c15-550e-4821-97a3-8abf917baea6	Lead

Product description	CAS No. of substance 1	Safe use instruction
HMI 575 W/DXS		
HMI 1200 W/DXS		
HMI 2500 W/S XS		
HMI 2500 W/DXS		
HMI 4000 W/DXS		
HMI 6000 W/DXS	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
HMI 12000 W/DXS	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
HMI 4000 W/DXS SOLAR		
HMI 18000 W/DXS	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

## Product family datasheet

Product description	CAS No. of substance 1	Safe use instruction
HMI 24000 W/DXS	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

## Product family datasheet

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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.

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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.