HMI DIGITAL

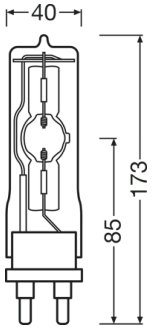
Single end HMI lamps offering daylight color with reduced flicker operation on high frequency ballasts

Areas of application

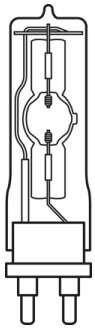
- Studio, TV, & Film
- Stage & Theatre
- Professional & High Speed Photography

Product features and benefits

- Reduced flicker when used with high-speed electronic ballasts (up to 1000 Hz and higher)
- Suited for both analog and digital film productions
- High intensity light providing true color performance with a >90
- Capable of hot restrike ignition
- High stability of color temperature over lifetime
- High energy efficiency providing up to 100 lm/W
- Enhanced safety with UV-Stop (UVS) feature on all DIGITAL types



HMI 1600W Digital, product line drawing top neutral dimensions



HMI 1600W Digital, product line drawing top neutral dimensions

Product family datasheet

Technical data

	General Product Information			
Product description	**Product number (Americas)**	**Product name (Americas)**	**Family brand**	**Global order reference**
HMI DIGITAL 200 W	55072	HMI DIGITAL 200W 10/CS 1/SKU	HMI DIGITAL	HMI DIGITAL 200 W
HMI DIGITAL 400 W	55073	HMI DIGITAL 400W 10/CS 1/SKU	HMI DIGITAL	HMI DIGITAL 400 W
HMI DIGITAL 575 W	55074	HMI DIGITAL 575W 10/CS 1/SKU	HMI DIGITAL	HMI DIGITAL 575 W
HMI DIGITAL 800 W	55076	HMI DIGITAL 800W 10/CS 1/SKU	HMI DIGITAL	HMI DIGITAL 800 W
HMI DIGITAL 1200 W	55077	HMI DIGITAL 1200W 1/CS 1/SKU	HMI DIGITAL	HMI DIGITAL 1200 W
HMI DIGITAL 1600 W	56782	HMI DIGITAL 1600W 1/CS 1/SKU		HMI DIGITAL 1600 W
HMI DIGITAL 1800 W	55078	HMI DIGITAL 1800W 1/CS 1/SKU	HMI DIGITAL	HMI DIGITAL 1800 W
HMI DIGITAL 2500 W	55182	HMI DIGITAL 2500W 1/CS 1/SKU	HMI DIGITAL	HMI DIGITAL 2500 W
HMI DIGITAL 4000 W	55081	HMI DIGITAL 4000W 1/CS 1/SKU	HMI DIGITAL	HMI DIGITAL 4000 W
HMI DIGITAL 6000 W	59584	HMI DIGITAL 6000W 1/CS 1/SKU	HMI DIGITAL	HMI DIGITAL 6000 W
HMI DIGITAL 9000 W	59941	HMI DIGITAL 9000W 1/CS 1/SKU	HMI DIGITAL	HMI DIGITAL 9000 W
HMI DIGITAL 18000 W	59585	HMI DIGITAL 18000W 1/CS 1/SKU	HMI DIGITAL	HMI DIGITAL 18000 W

		Electrical Data		
Product description	**Lamp type**	**Nominal wattage**	**Nominal voltage**	**Nominal current**
HMI DIGITAL 200 W		200 W	69.0 V	2.9 A
HMI DIGITAL 400 W		400 W	75.0 V	5.3 A
HMI DIGITAL 575 W		575 W	94.0 V	6.1 A
HMI DIGITAL 800 W		800 W	95.0 V	8.4 A
HMI DIGITAL 1200 W		1200 W	100 V	12 A
HMI DIGITAL 1600 W		1600 W	155 V	10.3 A
HMI DIGITAL 1800 W		1800 W	140 V	12.9 A
HMI DIGITAL 2500 W		2500 W	118 V	24.5 A
HMI DIGITAL 4000 W		4000 W	200 V	24 A
HMI DIGITAL 6000 W	ROUNDFOIL	6000 W	123 V	55 A
HMI DIGITAL 9000 W	SINGLE-END	9000 W	160 V	56 A
HMI DIGITAL 18000 W		18000 W	225 V	88 A

	Photometric Data	Physical Attributes & Dimensions		
Product description	**Nominal luminous flux**	**Lamp base**	**Diameter (in)**	**Diameter**
HMI DIGITAL 200 W	16000 lm	GZY9.5	0.787 in	19.0 mm

Product family datasheet

	Photometric Data	Physical Attributes & Dimensions		
Product description	**Nominal luminous flux**	**Lamp base**	**Diameter (in)**	**Diameter**
HMI DIGITAL 400 W	32500 lm	GZZ9.5	0.906 in	23.0 mm
HMI DIGITAL 575 W	49000 lm	G22	1.181 in	30.0 mm
HMI DIGITAL 800 W	69000 lm	G22	1.181 in	30.0 mm
HMI DIGITAL 1200 W	110000 lm	G38	1.654 in	40.0 mm
HMI DIGITAL 1600 W	144000 lm	G22		40.0 mm
HMI DIGITAL 1800 W	165000 lm	G38	1.654 in	40.0 mm
HMI DIGITAL 2500 W	220000 lm	G38		60.9 mm
HMI DIGITAL 4000 W	387000 lm	G38		75.0 mm
HMI DIGITAL 6000 W	600000 lm	GX38		75.0 mm
HMI DIGITAL 9000 W	875000 lm	GX38		80.0 mm
HMI DIGITAL 18000 W	1600000 lm	GX51		100.0 mm

				Lifetime Data
Product description	**Length**	**Product weight**	**Electrode gap (cold)**	**Nominal lifetime**
HMI DIGITAL 200 W	80.0 mm	18.00 g		200 hr
HMI DIGITAL 400 W	110.0 mm	32.00 g		650 hr
HMI DIGITAL 575 W	145.0 mm	131.00 g		1000 hr
HMI DIGITAL 800 W	145.0 mm	131.00 g		1000 hr
HMI DIGITAL 1200 W	200.0 mm	300.00 g		1000 hr
HMI DIGITAL 1600 W	173.0 mm	180.00 g	12.5 mm	750 hr
HMI DIGITAL 1800 W	200.0 mm	305.00 g	10.0 mm	750 hr
HMI DIGITAL 2500 W	225.0 mm	343.30 g		500 hr
HMI DIGITAL 4000 W	250.0 mm	378.50 g		500 hr
HMI DIGITAL 6000 W	360.0 mm	925.00 g		500 hr
HMI DIGITAL 9000 W	380.0 mm	940.00 g		400 hr
HMI DIGITAL 18000 W	495.0 mm	1700.00 g		350 hr

	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)			
Product description	**Primary article identifier**	**Declaration no. in SCIP database**	**Candidate list substance 1**	**CAS No. of substance 1**
HMI DIGITAL 200 W	4052899984110	No declarable substances contained	No declarable substances contained	
HMI DIGITAL 400 W	4052899984127	No declarable substances contained	No declarable substances contained	
HMI DIGITAL 575 W	4052899984134	No declarable substances contained	No declarable substances contained	
HMI DIGITAL 800 W	4052899984141	No declarable substances contained	No declarable substances contained	
HMI DIGITAL 1200 W	4052899984196	No declarable substances contained	No declarable substances contained	
HMI DIGITAL 1600 W	4062172128858	In work		
HMI DIGITAL 1800 W	4052899984202	No declarable substances contained	No declarable substances contained	
HMI DIGITAL 2500 W	4052899984295	No declarable substances contained	No declarable substances contained	

	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)			
Product description	**Primary article identifier**	**Declaration no. in SCIP database**	**Candidate list substance 1**	**CAS No. of substance 1**
HMI DIGITAL 4000 W	4052899984301	No declarable substances contained	No declarable substances contained	
HMI DIGITAL 6000 W	4062172005890	7c5a8266-8f2a-43a1-95b8-5931d68b0df1	Lead	7439-92-1
HMI DIGITAL 9000 W	4062172001908	93767d86-c851-4107-80fa-6d9e2ea841f2	Lead	7439-92-1
HMI DIGITAL 18000 W	4062172123372	0fcb88f6-5cad-4934-b467-37465d62c7d2	Lead	7439-92-1

Product description	**Safe use instruction**
HMI DIGITAL 200 W	
HMI DIGITAL 400 W	
HMI DIGITAL 575 W	
HMI DIGITAL 800 W	
HMI DIGITAL 1200 W	
HMI DIGITAL 1600 W	
HMI DIGITAL 1800 W	
HMI DIGITAL 2500 W	
HMI DIGITAL 4000 W	
HMI DIGITAL 6000 W	The identification of the Candidate List substance is sufficient to allow safe use of the article.
HMI DIGITAL 9000 W	The identification of the Candidate List substance is sufficient to allow safe use of the article.
HMI DIGITAL 18000 W	The identification of the Candidate List substance is sufficient to allow safe use of the article.

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. 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.