

HMI DIGITAL



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
- Robust design provide durability during transport
- High energy efficiency providing up to 100 lm/W
- Enhanced safety with UV-Stop (UVS) feature on all DIGITAL types



Product family datasheet



HMI 1600W Digital, product line drawing top neutral dimensions



HMI 1600W Digital, product line drawing top neutral dimensions

Product family datasheet

Technical data

Product description	General Product Information			
	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

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

Product family datasheet

Product description	Photometric Data	Physical Attributes & Dimensions		
	Nominal luminous flux	Lamp base	Diameter	Diameter (in)
HMI DIGITAL 400 W	32500 lm	GZZ9.5	23.0 mm	0.906 in
HMI DIGITAL 575 W	49000 lm	G22	30.0 mm	1.181 in
HMI DIGITAL 800 W	69000 lm	G22	30.0 mm	1.181 in
HMI DIGITAL 1200 W	110000 lm	G38	40.0 mm	1.654 in
HMI DIGITAL 1600 W	144000 lm	G22	40.0 mm	
HMI DIGITAL 1800 W	165000 lm	G38	40.0 mm	1.654 in
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	

Product description	Diameter	Length	Product weight	Electrode gap (cold)
HMI DIGITAL 200 W	19.0 mm	80.0 mm	18.00 g	
HMI DIGITAL 400 W	23.0 mm	110.0 mm	32.00 g	
HMI DIGITAL 575 W	30.0 mm	145.0 mm	131.00 g	
HMI DIGITAL 800 W	30.0 mm	145.0 mm	131.00 g	
HMI DIGITAL 1200 W	40.0 mm	200.0 mm	300.00 g	
HMI DIGITAL 1600 W	40.0 mm	173.0 mm	180.00 g	12.5 mm
HMI DIGITAL 1800 W	40.0 mm	200.0 mm	305.00 g	10.0 mm
HMI DIGITAL 2500 W	60.9 mm	225.0 mm	343.30 g	
HMI DIGITAL 4000 W	75.0 mm	250.0 mm	378.50 g	
HMI DIGITAL 6000 W	75.0 mm	360.0 mm	925.00 g	
HMI DIGITAL 9000 W	80.0 mm	380.0 mm	940.00 g	
HMI DIGITAL 18000 W	100.0 mm	495.0 mm	1700.00 g	

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 DIGITAL 200 W	200 hr	4052899984110	No declarable substances contained	No declarable substances contained
HMI DIGITAL 400 W	650 hr	4052899984127	No declarable substances contained	No declarable substances contained
HMI DIGITAL 575 W	1000 hr	4052899984134	No declarable substances contained	No declarable substances contained
HMI DIGITAL 800 W	1000 hr	4052899984141	No declarable substances contained	No declarable substances contained
HMI DIGITAL 1200 W	1000 hr	4052899984196	No declarable substances contained	No declarable substances contained
HMI DIGITAL 1600 W	750 hr	4062172128858	In work	
HMI DIGITAL 1800 W	750 hr	4052899984202	No declarable substances contained	No declarable substances contained

Product family datasheet

	Lifetime Data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
Product description	Nominal lifetime	Primary article identifier	Declaration no. in SCIP database	Candidate list substance 1
HMI DIGITAL 2500 W	500 hr	4052899984295	No declarable substances contained	No declarable substances contained
HMI DIGITAL 4000 W	500 hr	4052899984301	No declarable substances contained	No declarable substances contained
HMI DIGITAL 6000 W	500 hr	4062172005890	7c5a8266-8f2a-43a1- 95b8-5931d68b0df1	Lead
HMI DIGITAL 9000 W	400 hr	4062172001908	93767d86-c851- 4107-80fa- 6d9e2ea841f2	Lead
HMI DIGITAL 18000 W	350 hr	4062172123372	0fcb88f6-5cad-4934- b467-37465d62c7d2	Lead

Product description	CAS No. of substance 1	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	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
HMI DIGITAL 9000 W	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
HMI DIGITAL 18000 W	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

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. 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.