OSRAM

HMI brand DIGITAL

Metal halide lamps, single-ended

Areas of application

– Studio
– Stage
– TV

Product family benefits

– Suited for both analog and digital film production
– Robust stems, resulting in less breakage during transport
– Round moly-foil construction that evenly distributes heat and current extends for lamp longevity (6,000-18,000 W)
– Splash-proof carrying case is re-usable and allows lamps to be transported safely (6,000-18,000 W)

Product family features

– High CRI of >90
– UV-Stop (UVS)
– Color temperature of 6,000 K (daylight)
– Extremely bright light of up to 100 lumens/watt
– Hot restart capability

Product family datasheet

Technical data

Product description	Electrical data				Photometrical data		
	Nominal wattage	Nominal voltage	Nominal current	Ignition voltage cold/hot	Nominal luminous flux	Color temper-ature	Color render-ing index Ra
HMI DIGITAL 200 W	200.00 W	69.0 V	2.9 A		16000 lm	6900 K	90
HMI DIGITAL 400 W	400.00 W	75.0 V	5.3 A		32500 lm	6700 K	90
HMI DIGITAL 575 W	575.00 W	94.0 V	6.1 A		49000 lm	6400 K	90
HMI DIGITAL 800 W	800.00 W	95.0 V	8.4 A		69000 lm	6300 K	90
HMI DIGITAL 1200 W	1200.00 W	100 V	12 A		110000 lm	6800 K	90
HMI DIGITAL 1800 W	1800.00 W	140 V	12.9 A	5/35 kVp	165000 lm	6500 K	90
HMI DIGITAL 2500 W	2500.00 W	118 V	24.5 A		220000 lm	6300 K	90
HMI DIGITAL 4000 W	4000.00 W	200 V	24 A		387000 lm	6000 K	90
HMI DIGITAL 6000 W	6000.00 W	123 V	55 A		600000 lm	6000 K	90
HMI DIGITAL 9000 W	9000.00 W	160 V	56 A		875000 lm	6000 K	90
HMI DIGITAL 18000 W	18000.00 W	225 V	88 A		1600000 lm	6000 K	95

Product description	Dimensions & weight				Lifespan	Additional product data
	Diameter	Length	Light center length (LCL)	Electrode gap cold	Lifespan	Base (standard designation)
HMI DIGITAL 200 W	19.0 mm	80.0 mm			200 h	GZY9.5
HMI DIGITAL 400 W	23.0 mm	110.0 mm			650 h	GZY9.5
HMI DIGITAL 575 W	30.0 mm	145.0 mm			1000 h	G22
HMI DIGITAL 800 W	30.0 mm	145.0 mm			1000 h	G22
HMI DIGITAL 1200 W	40.0 mm	200.0 mm			1000 h	G38
HMI DIGITAL 1800 W	40.0 mm	200.0 mm	107.0 mm	10.0 mm	750 h	G38
HMI DIGITAL 2500 W	60.9 mm	225.0 mm			500 h	G38
HMI DIGITAL 4000 W	75.0 mm	250.0 mm			500 h	G38
HMI DIGITAL 6000 W	75.0 mm	360.0 mm			500 h	GX38
HMI DIGITAL 9000 W	80.0 mm	380.0 mm			400 h	GX38
HMI DIGITAL 18000 W	100.0 mm	495.0 mm			300 h	GX51

Product description	Environmental information			
	Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
HMI DIGITAL 200 W	07-04-2022	4052899984110	No declarable substances contained	No declarable substances contained

Product family datasheet

Product description	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
HMI DIGITAL 400 W	07-04-2022	4052899984127	No declarable substances contained	No declarable substances contained
HMI DIGITAL 575 W	07-04-2022	4052899984134	No declarable substances contained	No declarable substances contained
HMI DIGITAL 800 W	07-04-2022	4052899984141	No declarable substances contained	No declarable substances contained
HMI DIGITAL 1200 W	07-04-2022	4052899984196	No declarable substances contained	No declarable substances contained
HMI DIGITAL 1800 W	07-04-2022	4052899984202	No declarable substances contained	No declarable substances contained
HMI DIGITAL 2500 W	07-04-2022	4052899984295	No declarable substances contained	No declarable substances contained
HMI DIGITAL 4000 W	07-04-2022	4052899984301	No declarable substances contained	No declarable substances contained
HMI DIGITAL 6000 W	07-04-2022	4062172005890	Lead	7C5A8266-8F2A-43A1-95B8-5931D68B0DF1
HMI DIGITAL 9000 W	07-04-2022	4062172001908	Lead	93767D86-C851-4107-80FA-6D9E2EA841F2
HMI DIGITAL 18000 W	07-04-2022	4062172123372		In work

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 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		

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.

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