



HMI® DIGITAL lamp types

Product reference	Product number	W	V	A		lm	t(h)	K		LCL d (mm)		
HMI® DIGITAL												
HMI® DIGITAL 200W	4052899984110	200	69	2,9	GZY9.5	16000	200	6900 ²⁾	20	39	80	1
HMI® DIGITAL 400W	4052899984127	400	75	5,3	GZZ9.5	32500	650	6700 ²⁾	23	60	110	2
HMI® DIGITAL 575W	4052899984134	575	94	6,1	G22	49000	1000	6400 ²⁾	30	70	145	3
HMI® DIGITAL 800W	4052899984141	800	95	8,4	G22	69000	1000	6300 ²⁾	30	70	145	3
HMI® DIGITAL 1200W	4052899984196	1200	100	12	G38	110000	1000	6800 ²⁾	40	107	200	4
HMI® DIGITAL 1800W	4052899984202	1800	140	12,9	G38	165000	750	6500 ²⁾	40	107	200	4
HMI® DIGITAL 2500W ¹⁾	4052899984295	2500	115	25,6	G38	240000	500	6600 ^{2,3)}	60	127	225	5
HMI® DIGITAL 4000W ¹⁾	4052899984301	4000	200	24	G38	380000	500	6600 ^{2,3)}	75	142	250	5
HMI® DIGITAL 6000W ¹⁾	4052899984684	6000	123	55	GX38	600000	500	6600 ^{2,3)}	75	210	360	6
HMI® DIGITAL 9000W ¹⁾	4052899984691	9000	160	56	GX38	875000	400	6600 ^{2,3)}	80	210	380	6
HMI® DIGITAL 12000W ¹⁾	4050300650418	12000	160	76	GX38	1150000	500	6600 ^{2,3)}	100	255	455	6
HMI® DIGITAL 18000W ¹⁾	4008321098955	18000	225	88	GX51	1600000	350	6600 ^{2,3)}	100	260	495	7

1) Coming soon
 2) Average value on electronic ballast
 3) Preliminary data

02/18 OSRAM does not accept liability for errors, changes and omissions.



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OSRAM HMI®
50
 YEARS



Light is eye-catching

HMI® DIGITAL

Breathtaking images caught on film with light from HMI® DIGITAL.



Light is OSRAM

OSRAM

Robust, flicker-free lamps deliver a steady performance on set or on stage.

Advanced filming technology necessitates advanced set lighting

Now more than ever before, technology allows for an immersive movie experience, with intense visual effects and crisp sound. And technology has not only changed the way we experience movies, but the way we film them. Most productions rely heavily on digital film, a medium which brings its own set of benefits and challenges—especially for lighting.

To meet the needs of such film technology, OSRAM modernized its professional, high-performance HMI® lamps that have been trusted on film sets, stages, and television studios for decades. The new line of HMI® DIGITAL lamps provides the benefits professionals have come to expect from the HMI® name, plus flicker-free lighting when operated in modes of 1000 Hz and higher.¹⁾

Features

HMI® DIGITAL lamps illuminate even the most complex, demanding productions in the ideal light. The high-performance, single-ended metal halide lamps offer extremely bright light of up to 100 lumens per watt, a color temperature that approximates daylight (6000 K), and a high color rendering index of 90+. The lamps come equipped with OSRAM's patented UV-Stop, eliminating 99.9% of harmful UV emissions.

HMI® DIGITAL lamps offer features that ensure ease-of-use for operators. For high-speed digital film applications, HMI® DIGITAL supplies flicker-free light when used in modes of 1000 Hz and higher with high-speed electronic ballasts. Dimmable and stable with robust stems, the lamps also have hot restart capabilities. Special moly-foil design distributes heat evenly and extends the lamps' lifetime.

Applications

Whether using analog or digital film, shooting in in modes of 1000 Hz and higher, OSRAM's HMI® DIGITAL line has a lamp for your production. While specially-designed to accommodate evolving, high-speed film technology, HMI® DIGITAL still provides every feature needed to light traditional film productions, as well as theater stages.

Expect high-performance for the high demands on your:

- Film sets
- Theater stages
- Television studios



New HMI® packaging

Benefits & features at a glance

- Flicker-free when used with high-speed electronic ballasts (1000 Hz and higher)
- Suited for both analog and digital film production
- Up to 99.9% less UV emissions (from models equipped with UV-Stop)
- Color temperature of 6000 K for realistic, naturally-lit scenes
- High color rendering index of 90+, exposing true-to-life colors
- Extremely bright light of up to 100 lumens/watt
- Dimmable
- Hot restart capability
- Improved stability and design
- Robust stems, resulting in less breakage during transport
- Round moly-foil construction that evenly distributes heat and current, thus extending lamp life²⁾
- Splash-proof carrying case is re-usable and allows lamps to be transported safely²⁾

HMI® DIGITAL product portfolio

HMI® DIGITAL features redesigned lamps from OSRAM's popular HMI® UVS line, incorporating a doped UV-Stop (UVS) quartz outer jacket that reduces UV emissions up to 99.9%. The line includes single-ended metal halide lamps ranging from 200 W to 18000 W.

Website

For more information on the HMI® DIGITAL line, including technical specifications and related products, visit www.osram.com/hmidigital.

1) When paired with the high-speed electronic ballasts of market leaders
2) 6000–18000 W



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