Light is performance

Lighting solutions for studio, stage and TV

Light is OSRAM

OSRAM

Setting the stage for great art

Stage fright? Not any more. Our products for studio, stage and TV guarantee a smooth and dynamic lighting design – and they offer award-winning technologies. We provide the perfect supporting cast in the form of HMI®, HTI®, Lok-it!®, SplitStar® S32, HPL and other halogen studio lamps. Our powerful and effective lighting solutions will benefit the entertainment industry at every level, from professional film productions to small theatrical events. Prestigious awards – such as the Oscar®, the Primetime Emmy® Engineering Award and the PLASA Innovation Award – have encouraged us to maintain the highest standards in lighting for the entertainment industry. Our many years of experience, broad product range and history of innovation provide the perfect platform for continued success.

HMI® lamps for film and television were awarded in Hollywood an OSCAR® in 1987. Since 1928 OSRAM has been producing lamps for stage lighting, film work and cinema projection.

Acknowledging its outstanding performance and continuous improvement in HMI® technology for the TV industry, OSRAM was awarded the Primetime Emmy® Engineering Award by the Academy of Television Arts & Sciences.

Light is action
HMI® – every director's darling

OSRAM HMI®
50 YEARS

For 50 years, OSRAM HMI® metal halide discharge lamps have been meeting the toughest demands of the film and TV industry. Their technology has received several awards and has become an integral part of film sets around the world.

HMI®
HMI® lamps are AC-operated metal halide discharge lamps, which have excellent color rendering and photometric integrity throughout their life.

— High intensity light simulates daylight color temperature of 6000 K with a CRI >90
— Enormous luminous flux of up to 2.3 million lm
— Very high luminous efficacy of up to 100 lm/W
— Mechanically robust with eXtreme Seal (XS) technology, up to 450°C at the pinch seal
— Capable of hot restrike ignition
— Available in wattages from 200 to 24000 W, single-ended or double-ended

Perfect light whatever the time – day or night.
With an extremely bright light, providing up to 100 lumens per watt, OSRAM HMI® lamps generate a color temperature that closely matches sunlight. It reveals true colors and facilitates daytime filming outdoors. OSRAM HMI® lamps are up to five times more efficient than an incandescent light.

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New HMI® packaging

HMI® STUDIO
With a warm color temperature that closely matches that of tungsten light sources and a CRI of over 90, HMI® STUDIO lamps deliver the sought-after effects of tungsten halogen lamps minus the need for additional fixtures. HMI® STUDIO lamps offer an intensely bright light that shines twice as bright as tungsten halogen lamps with similar wattages. Thanks to the patented doped UV-Stop quartz—developed and manufactured in our OSRAM glass factory in Germany—99.9 % of harmful UVB and UVC emissions are eliminated. HMI® STUDIO lamps last as long as traditional HMI® lamps.

— A warm tungsten color temperature and high CRI of more than 90.
— A cost-effective alternative to managing and maintaining multiple tungsten halogen and metal halide lamps and fixtures.
— Time savings associated with setting up fewer varieties of lamps, fixtures, and CTO filters to light your set.
— Twice as bright as tungsten halogen lamps with similar wattages.
— Reduction of harmful UVB and UVC emissions by 99.9 %, thanks to the special UV-Stop quartz outer jacket.
— A plug-and-play solution for daylight fixtures.
— The same lifespan as our award-winning standard HMI® lamps with 6000 K color temperature.

HMI® DIGITAL
Whether using analog or digital film, shooting 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 theatre stages.

— 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 6 000 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
— 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 life[1]
— Splash-proof carrying case is reusable and allows lamps to be transported safely[1]

Typical applications

— Film, TV and video productions
— Stage lighting (theatre, opera etc.)
— Exhibition lighting
— Lighting for major events
— Professional photography

Typical luminaires

— Follow and moving-head spotlights
— Fresnel luminaires
— PAR/open luminaires
— Soft and flood lighting

1) 6 000–18 000 W

Light is excellent
Studio halogen lamps

Our studio, stage and TV halogen lamps are excellent examples of the technical advances that can still be achieved in the development of lamps. The key to their success is the combination of high-quality quartz and state-of-the-art lamp technologies. The result is a powerful and economical solution for stage, film and TV lighting.

Halogen lamps
OSRAM studio, stage and TV halogen lamps offer high luminous efficacy with low power consumption, and a relatively high proportion of visible light compared with infrared thermal radiation.

— High output from 500 to 20000 W
— High luminance
— Constant color temperature throughout their lifetime (3000–3400 K depending on type)
— Instant light
— Operation at line voltage
— Dimmable
— Eco-friendly: halogen lamps contain no mercury, i.e. no special waste disposal requirements

Pinch technology
This innovative design fixes the filament in place over the molded pinch points of the quartz bulb itself. By removing the mounting hooks and quartz bridges used in the past, the mechanical stability of the filament is improved and more resistant to vibration and shock.

— Protected against vibrations by new type of filament holder
— Very robust lamp design
— Improved durability
— Reduction of components and higher purity within the lamp
— Improvement of the halogen cycle

The culmination of years of experience: technical perfection
Our studio, stage and TV halogen lamps not only meet stringent requirements in terms of luminous flux, luminous efficacy and color temperature, but also though economic and durable operating demands. They are compact, heat-resistant and can be used in many operating positions. Halogen lamps are manufactured from high-quality components and feature biplanar technology. Thanks to biplanar technology, the 1000 W studio halogen lamps for example have an up to 50 % higher luminous intensity in spotlight settings.

Typical luminaires

— PAR/open luminaires
— Fresnel lens luminaires
— Soft and flood lighting
— Follow and mocing-head spotlights
— Color changers

Typical applications

— Film, TV and video productions
— Stage lighting (theatre, opera etc.)
— Exhibition lighting
— Lighting for major events
— Professional photography

Light is breathtaking
HPL and Lok-it!®

Thanks to its incomparable efficiency, our halogen HPL lamp has made a name for itself on stage and in TV studios. And our halogen Lok-it!® enables users to replace lamps in no time at all.

HPL
The special filament design increases the life of the high-performance halogen lamp.

— Less maintenance with long-life versions
— Solid nickel pins for precise alignment of the lamp in the holder
— Reinforced pinch seal for extra mechanical stability
— Special metal heat sink for improved heat dissipation and optimized life

Typical luminaires

— Spotlights
— PAR luminaires
— Fresnel
— Striplights

Typical applications

— Theatre, TV, studio
— Entertainment and architecture lighting

Lok-it!®
Using a standardized bayonet design, the PGJX50, PGJX28, and PGJX36 lamp bases are easily inserted, turned, and locked into place in the corresponding lamp holders, providing for a quick lamp replacement, particularly in areas where luminaires are difficult to access.

— Studio halogen lamp 1200 W with PGJX50 base
— Standardized design
— Safe electrical and mechanical contact
— Compact form
— Robust and vibration resistant

Typical luminaires

— Follow and moving-head spotlights

Typical applications

— Theatre, TV, studio
— Entertainment and architecture lighting
— Professional photography

Non-stop entertainment with HPL
The HPL "X" versions of the 575 W and 750 W types have approximately five times longer life than the standard versions. The unique filament design guarantees that these versions make optimal use of the light they generate.

Lok-it!®. The all-around talent.
The bayonet base and lampholder system of the Lok-it!® family of lamps allow for a one-handed lamp replacement within just a few seconds. Lok-it!® lampholders can be easily installed in luminaires and ensure an extremely strong and vibration-proof connection with the lamp base during operation and transportation. The versatile Lok-it!® system enables the user to choose freely between individual lamp technologies (halogen or discharge lamps).

Light is entertainment in full spectrum

Whether it is in concerts, light shows, theare, opera, clubs, TV studios and more – there's a growing number of applications high performance lamps need to cover. That is why we have enhanced our Lok-it!® Power Series family to meet an even broader range of applications. Now there are specific lamps suited to the specific needs of the production – all easily identifiable from one another by the name, label, and the lamp base itself.

© Ralph Larmann

Light is enthusiasm. Celebrations at the Brandenburg Gate in Berlin, Germany, marking the 25th anniversary of the fall of the Berlin Wall.

A clearly defined spotlight sets the stage for a vivid concert experience with natural and brilliant lighting.

© Ralph Larmann

OSRAM Lok-it!® Power Series:
The OSRAM Lok-it!® Power Series packs a lot of power. Now with versions that offer a high CRI of 90 across the range and special features, such as boosting or improved thermal resistance, the Lok-it!® Power Series has never been so powerful. Designed to give you broader versatility to meet the needs of a wide array of applications, the latest Power Series lamps provide top performance you can rely on.

The OSRAM Lok-it!® Power Series offers:

— Natural tone of light with CRI of 90 (Brilliant: 95)
— Compact size and short arc gap for use in smaller and brighter fixtures
— Higher luminous efficiency than standard HID lamps
— Optimized filling for uniform light emission and reduced output in the green wavelengths common to HID lamps
— "Plug-and-play" base PGJX28 or PGJX36
— OSRAM PGJX28 and PGJX36 ceramic bases allow a high resistance to high voltage up, to 35kV

Triple Power Effect
The OSRAM Lok-it!® Power Series comes with Triple Power, identified by the symbols which appear on the outside of the box:

Power Color
New filling, as well as optimized electrodes and bulb geometry, make for a CRI as high as 95.

Power Heat
With ZrO_2 coating, eXtreme Seal (XS) Technology and additional improvements, achieving thermal resistance of ~500° C is now possible.

Power Boost
The improved ceramic base and burner design with an optimized filling, allows the lamp to be driven higher on demand.

The right lamp for every job

Next to the new and improved standard Lok-it!® 1000/PS, three new varieties take the stage: The all new Brilliant versions with CRI of 95, and Blue with an intense 7500 K CCT.

Name	Feature	Benefit	Key Application
Lok-it!®/PS	950 h	Stable performance and reliability	Concert lighting
Lok-it!®/PS Brilliant	CRI 95	Life-like colors and natural skin tones	Theatre lighting
Lok-it!®/PS Blue	7500 K	Bright whites for cutting through the other colors on stage	Concert lighting

The lamps can also be identified by the color on the bottom of the base making it easier than ever to choose the right lamp.

Lok-it!® 1000/PS
The standard lamp of the Lok-it!® series comes with a newly-designed cutout in the base, which enables improved heat management in the moving head.

Lok-it!® 1000/PS Brilliant
When color brilliance has to be key, the all new Lok-it!® 1000/PS Brilliant and Lok-it!® 1400/PS Brilliant impress with lifelike colors, thanks to their high CRI of 95.
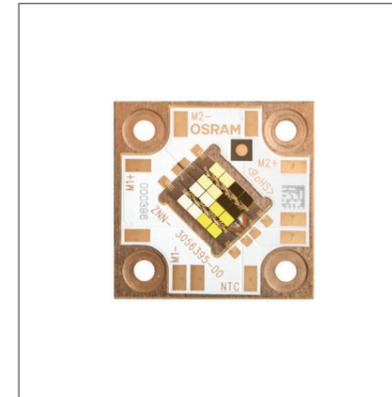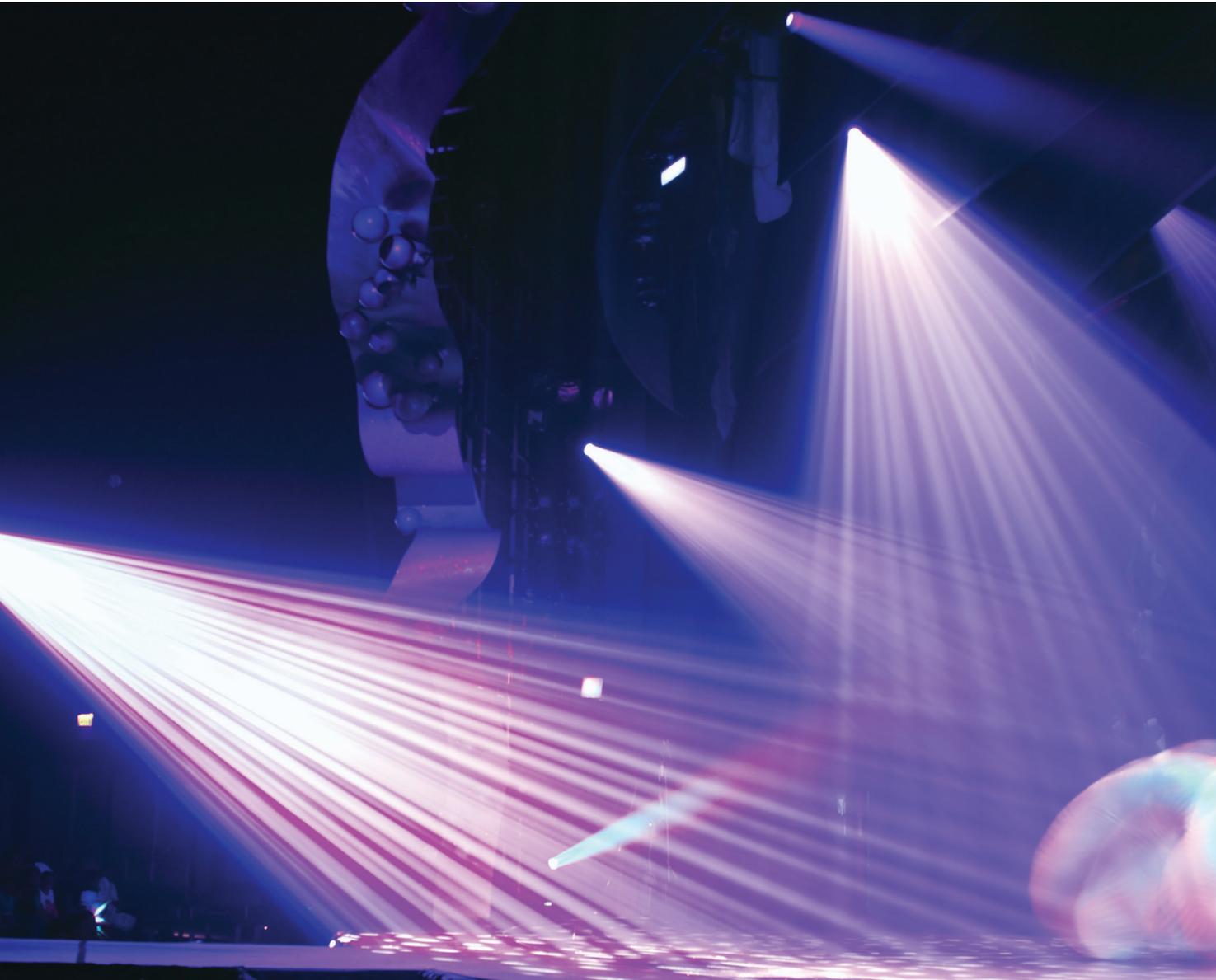
Lok-it!® 1000/PS Blue
Crisp light at the switch of a button? The all new Lok-it!® 1000/PS Blue delivers 7500 Kelvin light-power.

SplitStar® S32 module platform solution

The S32 module is based on innovative multi-chip LED technology – high luminance and luminous flux for the use in entertainment and professional lighting applications.

Features and benefits

— **Up to 20000 lm (CW)[1]**
Cutting-edge performance enables a new generation of LED fixtures with superior light output
— **Up to 140 cd/mm² (CW)[1]**
Very high luminance, perfect for beam and spotlights
— **Scalable design**
Customized versions possible
— **LED chips are wired in series circuits**
Chips can be driven with standard voltage and current levels (5 A max., SELV)
— **Electrically insulated**
LED module can be mounted directly onto heat sinks

The SplitStar® S32 CW – luminance is the key

The pattern of 16 closely arranged LED chips enables a particularly high luminance of up to 140 cd/mm²[1]. This far exceeds the average luminance of CoB (chip-on-board) modules of 20 cd/mm². The multi-chip cold white LED module also scores with a high luminous flux of up to 20000 lm[1] and an integrated temperature-controlled monitoring (NTC). Based on the flexible platform, customized versions in color and layout are possible.

The SplitStar® S32 RGBW – with all the familiar features of the S32

The S32 RGBW contains four 2 mm² high-current chips per color. Thanks to the low thermal resistance of 0.05 K/W[2], each chip can be operated with up to 5 A (red 4 A), which generates a large amount of light from a small surface. The integrated temperature control via NTC allows continuous operation. Typical target applications of the S32 RGBW are stage spotlights of any size, though the module is equally suited for use in mood lights, as effect lighting for accents or as architectural lighting. By mixing different S32 RGBW values, you can create a wide range of colors, including pastel shades.

SplitStar® S32 RGBA (full white), the latest member of the SplitStar® family

The RGBA full white version features an adjustable white point and a high CRI along the Planckian locus. Four independent control channels with red, green, amber and blue provide a controllable color temperature mix between 2700 and 7000 K. The S32 RGBA is the perfect choice for any application requiring adjustable color temperatures in combination with a continuous high CRI and the well-known high luminance and luminous flux of the SplitStar® family.

SplitStar® solution partners

— Dedicated optical solution based on light guide available at Auer Lighting.
— Dedicated electronic driver available at ITG – Illuminance Technologies Group.
— Dedicated LED holder for electrical connection available at Bender & Wirth.

1) Pulse mode operation @25°C
2) NTC to backplane
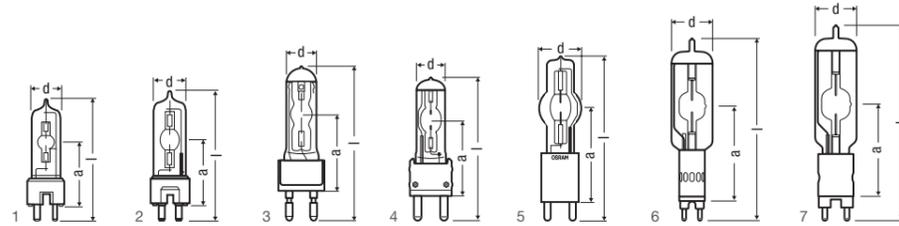
HMI® DIGITAL lamp types

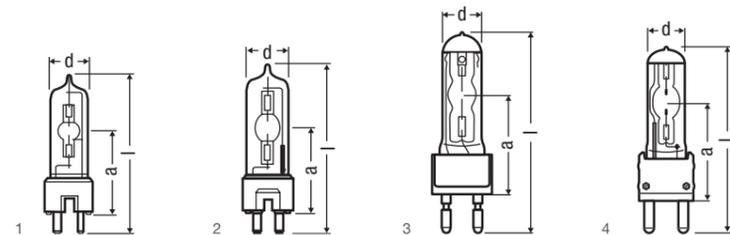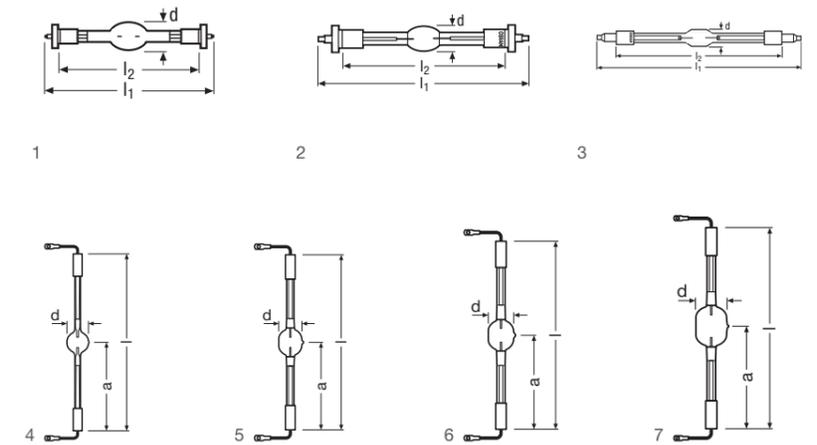| Product reference	Product number	W	V	A	🔲	lm	t[h]	K	d[mm]	LCL a[mm]	l[mm]	No.
HMI® DIGITAL 200W	4052899984110	200	69	2.9	GZY9.5	16000	200	6900[2]	20	39	80	1
HMI® DIGITAL 400W	4052899984127	400	75	5.3	GZZ9.5	32500	650	6700[2]	23	60	110	2
HMI® DIGITAL 575W	4052899984134	575	94	6.1	G22	49000	1000	6400[2]	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]	42	107	200	4
HMI® DIGITAL 1800W	4052899984202	1800	140	12.9	G38	165000	750	6500[2]	42	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	GX38	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

HMI® STUDIO lamp types

Product reference	Product number	W	V	A	🔲	lm	t[h]	K	d[mm]	LCL a[mm]	l[mm]	No.
HMI® STUDIO 200W	4052899984356	200	69	2,9	GZY9.5	10800	200	3600[1]	20	39	80	1
HMI® STUDIO 400W	4052899984370	400	70	6,9	GZZ9.5	26400	650	3200[1]	23	60	110	2
HMI® STUDIO 575W	4052899989658	575	99	5,8	G22	32400	750	4050[1]	30	70	145	3
HMI® STUDIO 800W	4052899984417	800	97	8,3	G22	47300	750	3850[1]	30	70	145	3
HMI® STUDIO 1200W	4052899989672	1200	100	13,8	G38	77000	1000	3700[1,2]	42	107	200	4
HMI® STUDIO 1800W	4052899989689	1800	140	13,0	G38	115500	750	3700[1,2]	42	107	200	4

1) Average value on electronic ballast
2) Preliminary data

HMI®, double-ended

Product reference	Product number	W	V	A	t[h]	lm	K	d[mm]	l[mm]	l1 max [mm]	〇	🔲	📷	No.
HMI 575 W/DXS	4008321285102	575	95	7	1000	49000	6000	21	135	115	Any	SFc10-4	1	1
HMI 1200 W/DXS	4008321931153	1200	100	13.8	1000	110000	6000	27	220	180	Any	SFc15.5	1	2
HMI 2500 W/S XS	4050300025780	2500	115	25.6	500	240000	6000	31.5	210	150	p30	SFa21-12	1	3
HMI 2500 W/DXS	4008321182197	2500	115	25.6	500	240000	6000	31.5	355	290	p30	SFa21	1	3
HMI 4000 W/DXS	4008321210203	4000	200	24	500	380000	6000	36	405	340	p15	SFa21	1	3
HMI 4000 W/DXS SOLAR	4052899152601	4000	200	24	500		6000	36	405	340	p15	SFa21-12	1	3
HMI 6000 W/DXS	4008321210210	6000	123	55	500	570000	6000	54	450		p15	S25.5	1	4
HMI 12000 W/DXS	4008321210227	12000	160	84	500	1150000	6000	64	470		p15	S30	1	5
HMI 18000 W/DXS	4008321370280	18000	225	86	500	1700000	6000	70	500		p15	S30	1	6
HMI 24000 W/DXS	4008321355805	24000	280	88	500	2300000	6000	83	500		p15	S30	1	7
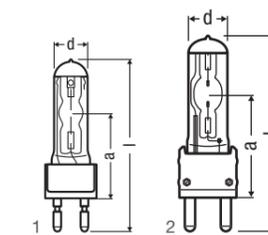
HMI® EVENT lamp types

Product reference	Product number	K	W	V	A	🔲	lm	t[h]	〇	d[mm]	LCL a[mm]	l[mm]
HMI® EVENT												
HMI® 575W EVENT	4052899301726	6900[1]	575	95	7	G22	49000	1000	any	30	70	145
HMI® 1200W EVENT	4052899152673	6900[1]	1200	100	13.8	G38	110000	1000	any	42	107	200

1) Average value on electronic ballast
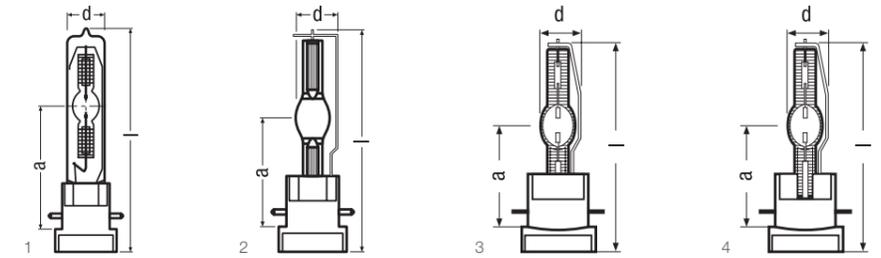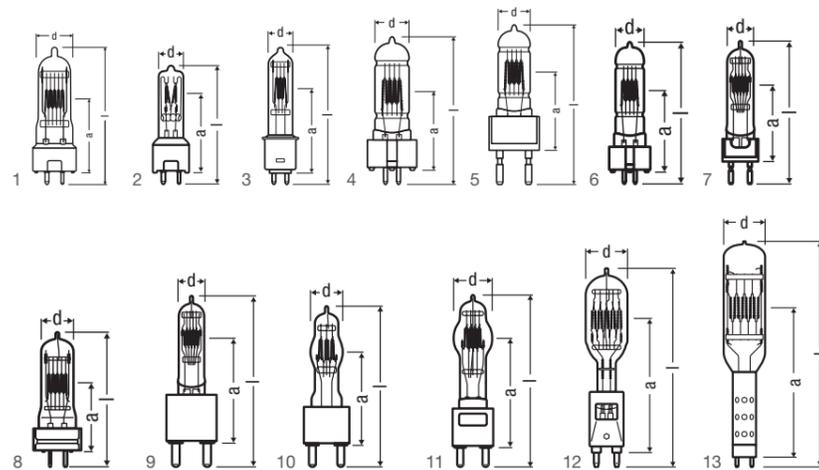
Halogen studio lamps

Product reference	Product number	ANSI	LIF	W	V	t [h]	lm	K	⌀ d [mm]	l [mm]	LCL a [mm]	(angle)	(base sym)	(base)	(box)	No.
64673	**4052899**015463	FSL	CP/81	300	230	200	7500	3100	18	80	46.5	6.5x13	Any	GY9.5	12	2
64673	**4052899**015487	FSK	CP/81	300	240	200	7500	3100	18	80	46.5	6.5x13	Any	GY9.5	12	2
64670	**4008321**624017	GCV	T/25	500	230	300	11000	3000	23	90	46.5	11.0x11.0	s90	GY9.5	12	1
64670	**4008321**624031	GCV	T/25	500	240	300	11000	3000	23	90	46.5	11.0x11.0	s90	GY9.5	12	1
64674	**4052899**015500	FRH	CP/82	500	230	200	13500	3200	18	80	46.5	8.0x18	Any	GY9.5	12	2
64674	**4052899**015524	FRJ	CP/82	500	240	200	13500	3200	18	80	46.5	8.0x18	Any	GY9.5	12	2
64680	**4008321**098573		A1/244	500	230	50	14500	3200	22	75	36.5	10.0x10.0[1]	Any	GY9.5	12	1
64680	**4008321**098597		A1/244	500	240	50	14500	3200	22	75	36.5	10.0x10.0[1]	Any	GY9.5	12	1
64716	**4008321**623973	GKV		600	230	250	14000	3050	19	101	60.5	9.0x13.0	s90	G9.5	12	3
64716	**4008321**623997	GKV		600	240	250	14000	3050	19	101	60.5	9.0x13.0	s90	G9.5	12	3
64717	**4008321**624215	FRL	CP/89	650	230	150	16250	3200	23	90	46.5	26.0x33.0	s90	GY9.5	12	1
64717	**4008321**624239	FRM	CP/89	650	240	150	16250	3200	23	90	46.5	26.0x33.0	s90	GY9.5	12	1
64718	**4008321**624253	GCT	T/27	650	230	400	14,00	3000	23	90	46.5	10.0x10.0	s90	GY9.5	12	1
64718	**4008321**624277	GCT	T/27	650	240	400	14500	3000	23	90	46.5	10.0x10.0	s90	GY9.5	12	1
64719	**4008321**638076		T/12	650	230	750	12000	3000	26	110	55	13.0x11.0	s90	GX9.5	20	4
64720	**4008321**638090		CP/23	650	230	100	16800	3200	26	110	55	13.0x17.0[1]	s90	GX9.5	20	4
64721	**4008321**638113	FKH	CP/39	650	230	100	16800	3200	26	140	63.5	13.0x17.0[1]	s90	G22	20	5
64678	**4008321**624055			800	230	250	20000	3200	19	101	60.5	9.0x13.0	s90	G9.5	12	3
64752	**4008321**624475	FWS	T/29	1200	230	400	28600	3000	27	125	67	13.0x15.0	s90	GX9.5	20	6
64752	**4008321**624499	FWS	T/29	1200	240	400	28600	3000	27	125	67	13.0x15.0	s90	GX9.5	20	6
64754	**4008321**624529		CP/90	1200	230	200	30000	3200	27	125	67	13.0x15.0	s90	GX9.5	20	6
64756	**4008321**624550		CP/93	1200	230	200	30000	3200	26	140	63.5	13.0x15.0	s90	G22	20	5
93723	**4008321**370594		CP/110	1200	80	300	37500	3200	22	120.7	63.5	12.7x12.7	s135	2 pins	12	7
64777	**4008321**632197		CP/92	2000	230	400	52000	3200	35	175	90	20.0x19.0	s90	G22	12	7
64787	**4008321**653994		CP/75	2000	230	400	52000	3200	35	160	75	20.0x19.0	s90	G22	12	7
64788	**4008321**632173	FTM	CP/72	2000	230	400	52000	3200	35	145	70	20.0x19.0	s90	GY16	12	8
64788	**4008321**632180	FTM	CP/72	2000	240	400	52000	3200	35	145	70	20.0x19.0	s90	GY16	12	8
64789	**4008321**654021	FKK	CP/73	2000	230	400	52000	3200	35	210	127	20.0x19.0	s90	G38	6	9
64789	**4008321**654038	FKK	CP/73	2000	240	400	52000	3200	35	210	127	20.0x19.0	s90	G38	6	9
64796	**4008321**653987		CP/91	2500	230	400	65000	3200	35	175	90	20.0x19.0	s90	G22	12	7
64797	**4052899**129542			3000	230	400	82000	3200	45	210	127	33.0x35.0	s90	G38	6	10
64805	**4052899**129580		CP/85	5000	120	400	135000	3200	60	279.4	165	26.0x33.0	s90	G38	6	11
64805	**4052899**129566		CP/85	5000	230	400	135000	3200	60	279	165	26.0x33.0	s90	G38	6	11
64805	**4052899**129573		CP/85	5000	240	400	135000	3,00	61	279	165	26.0x33.0	s90	G38	6	11
64815	**4050300**780696	ECR	CP/83	10000	230	350	285000	3200	80	400	254	60.0x35.0	s45	G38	6	12
64818	**4008321**792051	BCM	CP/99	20000	230	350	580000	3200	100	550	354	67.0x50.0	s45	G38	4	13

1) With monoplane filament

Lok-it!® lamp types

Product Name	IC	Product Number	W	V	A	t [h]	lm
Lok-it!® metal halide lamp							
Lok-it!® HSD 300W/80/P28	AA32460002G	**4008321**644831	300	95	3.2	2000	27000
Lok-it!® HTI 400W/60/P28	A74312E002G	**4008321**605481	400	67	6	750	30000
Lok-it!® HTI 700W/60/P28	A63963E012G	**4052899**179790	700	60	11.6	750	50000
Lok-it!® HTI 700W/75/P28	AA52553002G	**4008321**510549	700	68	10.3	750	50000
Lok-it!® HTI 700W/75/P50	A635211022G	**4008321**485205	700	68	10.3	750	50000
Lok-it!® HTI 1500W/60/P50	A72522C002G	**4008321**553416	1500	100	15	750	130000
Lok-it!® HTI 1500W/60/P50 M3W	AA41963002G	**4008321**818997	1500	100	15	750	130000
Lok-it!® Power Series							
Lok-it!® 1000/PS	AB43733002G	**4052899**965157	1000	85	12	950	85000
Lok-it!® 1000/PS Blue	AB43739002G	**4052899**965171	1000	85	12	750	75000
Lok-it!® 1000/PS Brilliant	AB43736002G	**4052899**965164	1000	85	12	750	82000
Lok-it!® 1400/PS Brilliant	AB43740002G	**4052899**965195	1400	95	15.5	750	120000
Lok-it!® 1700/PS	AB43741002G	**4052899**965201	1700	85	20	750	135000

Product Name	K	Ra	⌀ d [mm]	l [mm]	LCL a [mm]	(base sym)	(base)	No.
Lok-it!® metal halide lamp								
Lok-it!® HSD 300W/80/P28	8000	> 70	23	120	67		5	PGJX28	1
Lok-it!® HTI 400W/60/P28	6000	> 80	17	103	56	3.5	PGJX28	2
Lok-it!® HTI 700W/60/P28	6000	> 75	21	110	56	4	PGJX28	2
Lok-it!® HTI 700W/75/P50	7500	> 75	21	125	65	4	PGJX50	3
Lok-it!® HTI 700W/75/P28	7500	> 75	21	110	56	4	PGJX28	2
Lok-it!® HTI 1500W/60/P50	6000	> 85	25	128	65	6.1	PGJX50	3
Lok-it!® HTI 1500W/60/P50 M3W	6000	> 85	25	128	65	7	PGJX50	3
Lok-it!® Power Series								
Lok-it!® 1000/PS	6000	> 85	23	113	56	5.5	PGJX36	4
Lok-it!® 1000/PS Blue	7500	> 85	23	113	56	5.5	PGJX36	4
Lok-it!® 1000/PS Brilliant	5900	95	23	113	56	5.5	PGJX36	4
Lok-it!® 1400/PS Brilliant	6000	95	23	121	60	5.5	PGJX28	4
Lok-it!® 1700/PS	6000	92	25	121	60	5.2	PGJX28	4
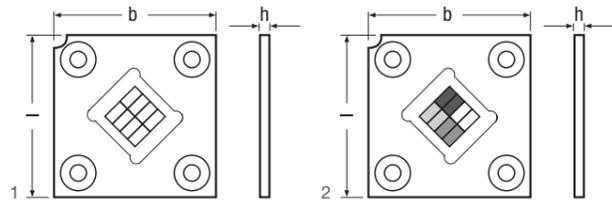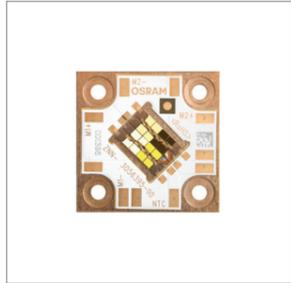
SplitStar® S32 modules

Product reference	Product number	W	Current per channel (max.) [A]	K	cd/mm²	lm	b [mm]	l [mm]	h [mm]
SplitStar® S32 CW	**4052899**388024	300	5	6200	140[1]	20000[1]	25.4	25.4	2.53
SplitStar® S32 RGBW	**4052899**522985	277	red 4 green 5 blue 5 white 5	red 638 nm true green 524 nm deep blue 446 nm white 6,200 K	70[1]	red 1450[1,3] green 2825[1,3] blue 2100[1,3] white 5000[1,3]	25.4	25.4	2.53
SplitStar® S32 RGBA	tbd	180	converted amber 3 converted green 5 red 4 blue 5	2700–7000	70[1]	10,000[1,3]	25.4	25.4	2.53

Product reference	Number of channels	Ra	Temperature control	Thermal resistance R_th (module) [K/W]	Operating temperature [°C]	Viewing angle [°]	Emitting area [mm²]		No.
SplitStar® S32 CW	2	70	NTC	0.05[4]	-25…120[2]	180	6.9x6.7	18	1
SplitStar® S32 RGBW	4	–	NTC	0.05[4]	-25…120[2]	180	6.9x6.7	18	2
SplitStar® S32 RGBA	4	≤ 93	NTC	0.05[4]	-25…120[2]	180	6.9x6.7	18	2

1) Pulse mode operation @25°C
2) NTC reading
3) Not on Planckian locus
4) NTC to backplane

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