

Light is entertainment in full spectrum

The right lamp for every job

The Lok-it!® Power Series gives you the most powerful, performance-oriented range of lamps.

Light is OSRAM

OSRAM

Let there be lights

Stage performances, light shows, theatre and opera, clubs, TV studios – there’s a big number of applications high performance lamps need to cover. Our Lok-it!® Power Series family meets a broad range of applications. The different members of the Power Series family are suited to the specific needs of the production – all easily identifiable from one another by the name, label, and the lamp base itself.



Light is enthusiasm. Eurovision Song Contest 2018 in Lisbon, Portugal. With OSRAM as the official lighting partner of the event, OSRAM’s lamps and hundreds of Claypaky’s lights set benchmarks at this “holy grail” of lighting design – and made Eurovision a spectacular visual highlight, year after year.

OSRAM Lok-it!® Power Series with options for every application

The OSRAM Lok-it!® Power Series packs a lot of power. 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 broad versatility to meet the needs of a wide array of applications, the Power Series lamps provide top performance you can rely on.

Features and benefits of the Lok-it!® Power Series

- Natural tone of light, with a CRI of >90
- Higher luminous efficiency than standard HID lamps
- Optimized filling for uniform light emission and a reduction in green tones
- 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)

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 high CRI of >90.



Power Heat

With ZrO₂ coating, eXtreme Seal (XS) Technology and additional improvements, we achieved thermal resistance of ~ 500°C.



Power Boost

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

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



© Ralph Larmann

The right lamp for every job

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	Theater 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 packaging label color and the color on the bottom of the base – making it easier than ever to choose the right lamp.



Lok-it!® 1000/PS and Lok-it!® 1700/PS

The standard lamps of the Lok-it!® series come with a cutout in the base, which enables improved heat management in the moving head.



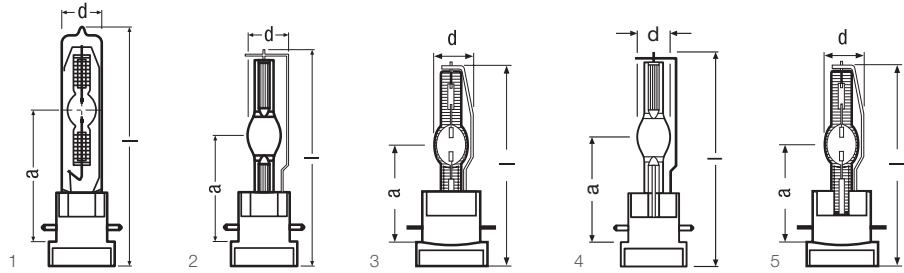
Lok-it!® 1000/PS Brilliant and Lok-it!® 1400/PS Brilliant

When color brilliance has to be key, the 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 Lok-it!® 1000/PS Blue delivers 7.500 Kelvin light-power.



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	4008321644831	300	95	3.2	2000	20500
Lok-it!® HTI 400W/60/P28	A74312E002G	4008321605481	400	67	6	750	30000
Lok-it!® HTI 700W/75/P28	AA52553002G	4008321510549	700	68	10.3	750	50000
Lok-it!® HTI 700W/75/P50	A635211022G	4008321485205	700	68	10.3	750	50000
Lok-it!® HTI 700W/60/P28	A63963E012G	4052899179790	700	60	11.6	750	49000
Lok-it!® HTI 1500W/60/P50	A72522C002G	4008321553416	1500	100	15	750	130000
Lok-it!® HTI 1500W/60/P50 M3W	AA41963002G	4008321818997	1500	100	15	750	130000

Lok-it!® Power Series

Lok-it!® 1000/PS	AB43733	4052899965157	1000	85	11.8	750	85000
Lok-it!® 1000/PS Blue	AB43739	4052899965171	1000	85	11.8	750	75000
Lok-it!® 1000/PS Brilliant	AB43736	4052899965164	1000	85	11.8	750	82000
Lok-it!® 1400/PS Brilliant	AB43740	4052899965195	1400	95.5	14.7	750	118000
Lok-it!® 1700/PS	AB43741	4052899965201	1700	84.5	20.0	750	135000
Lok-it!® 1800/PS Brilliant	AM23667012G	4062172047081	1800	84.5	18.5	750	140000

Product Name	K	R _a	φ [mm]	l [mm]	LCL a [mm]	PGJX	No.
Lok-it!® metal halide lamp							
Lok-it!® HSD 300W/80/P28	8700	> 85	23	121	67	5	PGJX28 1
Lok-it!® HTI 400W/60/P28	6000	> 85	17	103	56	3.4	PGJX28 2
Lok-it!® HTI 700W/75/P28	6700	68	18	112	56	4	PGJX28 2
Lok-it!® HTI 700W/75/P50	7250	80	25	125	65	4	PGJX50 3
Lok-it!® HTI 700W/60/P28	5800	> 75	18	112	56	4.1	PGJX28 2
Lok-it!® HTI 1500W/60/P50	6000	> 85	29	128	65	6.1	PGJX50 5
Lok-it!® HTI 1500W/60/P50 M3W	6100	> 85	29	130	67	7	PGJX50 5

Lok-it!® Power Series

Lok-it!® 1000/PS	5800	> 80	28	112	56	5.5	PGJX36 4
Lok-it!® 1000/PS Blue	7200	> 70	28	112.5	56	5.5	PGJX28 4
Lok-it!® 1000/PS Brilliant	5900	> 90	28	112	56	5.5	PGJX36 4
Lok-it!® 1400/PS Brilliant	5800	> 93	28	121	60	5.3	PGJX28 4
Lok-it!® 1700/PS	5600	> 92	28	121	60	5.2	PGJX28 4
Lok-it!® 1800/PS Brilliant	6000	92	27	122	60	5.2	PGJX28 4

OSRAM GmbH

Head office:

Marcel-Breuer-Strasse 6
 80807 Munich, Germany
 Phone +49 89 6213-0
 Fax +49 89 6213-2020
 www.osram.com

