



Passion creates the show

Lok-it!® - amazing effects on stage

osram.com/entertainment

15 YEARS
Lok-it!®

amun **OSRAM**

Light is entertainment in full spectrum

Whether in concerts, light shows, theaters, operas, clubs or TV studios - there is a wide range of applications that 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.



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OSRAM Lok-it!® Power Series:

The OSRAM Lok-it!® Power Series packs a lot of power. The lamps 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 ZrO₂ coating, eXtreme Seal (XS) Technology and additional improvements, achieving thermal re-sistance 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.

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



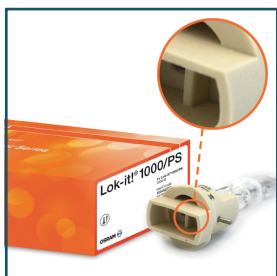
© Ralph Larmann

The right lamp for every job

In addition to the standard Lok-it!® PS, there are two other versions: Lok-it!® PS Brilliant with a CRI of 95, and Blue with an intense color temperature of 7500 K.

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.



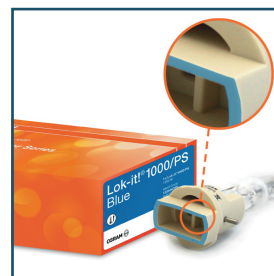
Lok-it!® PS

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



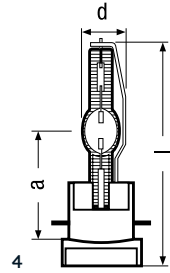
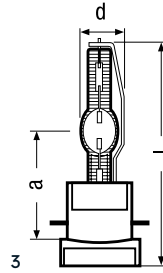
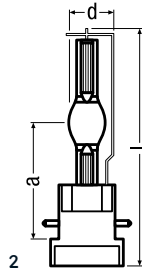
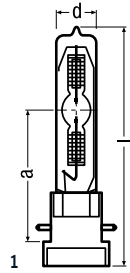
Lok-it!® PS Brilliant

When color brilliance has to be key, the Lok-it!® PS Brilliant lamps impress with lifelike colors, thanks to their high CRI of 95.



Lok-it!® PS Blue

Crisp light at the switch of a button? The Lok-it!® PS Blue delivers 7500 Kelvin light-power.



Lok-it!® lamp types

Product Name	Product Number	W	V	A	t _h	lm
Lok-it!® metal halide lamp						
Lok-it!® HSD 300W/80/P28	4008321644831	300	95	3.2	2000	20500
Lok-it!® HTI 400W/60/P28	4008321605481	400	65	6.2	750	30000
Lok-it!® HTI 700W/60/P28	4008321510549	700	60	11.6	750	50000
Lok-it!® HTI 700W/75/P50	4008321485205	700	68	10.3	750	50000
Lok-it!® HTI 700W/75/P28	4052899179790	700	68	10.3	750	50000
Lok-it!® HTI 1500W/60/P50	4008321553416	1500	100	15	750	130000
Lok-it!® HTI 1500W/60/P50 M3W	4008321818997	1500	100	15	750	130000
Lok-it!® HTI 1600W/60/P50	4062172123488	1650	93	17.4	750	140000
Lok-it!® HTI 2000 W/60/P50	4062172133098	2000	107	18.6	1000	165000
Lok-it!® HTI 2000 W/75/P50	4062172133111	2000	100	20	1000	155000

Lok-it!® Power Series						
Lok-it!® 1000/PS	4052899965157	1000	85	11.8	950	85000
Lok-it!® 1000/PS Blue	4052899965171	1000	85	11.8	750	75000
Lok-it!® 1000/PS Brilliant	4052899965164	1000	85	11.8	750	82000
Lok-it!® 1400/PS Brilliant	4052899965195	1400	95.5	14.7	750	118000
Lok-it!® 1700/PS	4052899965201	1700	84.5	20	750	135000
Lok-it!® 1800/PS Brilliant	4062172047081	1800	88	20.5	750	148000
Lok-it!® 2000/PS Brilliant	4062172169561	2000	107.5	18.6	750	165000

Product Name	K	R _a	∅ _d [mm]	l [mm]	LCL _g [mm]	h [mm]	Symbol	No.
Lok-it!® metal halide lamp								
Lok-it!® HSD 300W/80/P28	8700	> 70	23	121	67	5	PGJX28	1
Lok-it!® HTI 400W/60/P28	6500	> 80	23	103	56	3.4	PGJX28	2
Lok-it!® HTI 700W/60/P28	5800	> 70	23	112	56	4	PGJX28	2
Lok-it!® HTI 700W/75/P50	7250	> 75	24	125	65	4	PGJX50	3
Lok-it!® HTI 700W/75/P28	6700	> 75	23	112	56	4	PGJX28	2
Lok-it!® HTI 1500W/60/P50	6000	> 85	29	128	65	6.1	PGJX50	3
Lok-it!® HTI 1500W/60/P50 M3W	6100	> 85	29	130	67	7	PGJX50	3
Lok-it!® HTI 1600W/60/P50	5800	> 92	28	128	65	5.5	PGJX50	3
Lok-it!® HTI 2000 W/60/P50	6000	95	29	130	67	7	PGJX50	3
Lok-it!® HTI 2000 W/75/P50	7500	77	29	130	67	7	PGJX50	3

Lok-it!® Power Series								
Lok-it!® 1000/PS	5800	> 80	28	112.5	56	5.5	PGJX36	4
Lok-it!® 1000/PS Blue	7500	> 70	28	112.5	56	5.5	PGJX36	4
Lok-it!® 1000/PS Brilliant	5900	> 92	28	112.5	56	5.5	PGJX36	4
Lok-it!® 1400/PS Brilliant	5800	> 93	28	120	60	5.3	PGJX28	4
Lok-it!® 1700/PS	5600	> 92	26	121	60	5.2	PGJX28	4
Lok-it!® 1800/PS Brilliant	5600	> 92	28.5	121	60	5.2	PGJX28	4
Lok-it!® 2000/PS Brilliant	6000	95	28.5	121	60	7	PGJX28	4

Subject to change without notice. Errors and omission excepted.

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