OSRAM

Lok-it! Power Series (PS)

Areas of application

- Concert Lighting
- Club & Disco
- Stage & Theatre
- Studio, TV, & Film
- Architecture & Architainment

Product features and benefits

- Power Series (PS) lamps offer even more compact Lok-it! options with enhanced performance features
- Individual performance features are color-coded for easy identification and include BRILLIANT lamps with high CRI > 90 and BLUE lamps that offer 7500 K for bright white light
- Robust design with eXtreme Seal (XS) technology, allowing up to 450°C at the pinch seal
- Consistent lumen output over the life of the lamp
- Improved ceramic base allows high voltage up to 35kV
- Higher luminous efficacy than conventional HID lamps provides higher fixture efficiency
- Power series offers enhanced performance features and versatility, including BRILLIANT lamps with high CRI and BLUE lamps that offer 7500K for bright white light

Product family datasheet

Technical data

Product description	General Product Information			
	Product number (Americas)	Product name (Americas)	Family brand	Global order reference
Lok-it! 1000/PS	55022	LOKIT 1000/PS 10/CS 1/SKU	Lok-it!	Lok-it! 1000/PS
Lok-it! 1000/PS Blue	55025	LOKIT 1000/PS BLUE 10/CS 1/SKU	Lok-it!	Lok-it! 1000/PS Blue
Lok-it! 1000/PS Brilliant	55024	LOKIT 1000/PS BRILLIANT 10/CS 1/SKU	Lok-it!	Lok-it! 1000/PS Brilliant
Lok-it! 1400/PS Brilliant	55026	LOKIT 1400/PS BRILLIANT 10/CS 1/SKU	Lok-it!	Lok-it! 1400/PS Brilliant
Lok-it! 1700/PS	55027	LOKIT 1700/PS 10/CS 1/SKU	Lok-it!	Lok-it! 1700/PS
Lok-it! 1800/PS Brilliant	55237	Lok-it! 1800W/PS BRILLIANT 10/CS 1/SKU		Lok-it! 1800/PS Brilliant
Lok-it! 2000/PS Brilliant	4062172169561	LOK-IT! 2000W/PS BRILLIANT 10/CS 1/SKU	Lok-it!	Lok-it! 2000/PS Brilliant

Product description	Electrical Data		Photometric Data	
	Nominal wattage	Nominal voltage	Nominal luminous flux	Color temperature
Lok-it! 1000/PS	1000 W	85 V	85000 lm	6000 K
Lok-it! 1000/PS Blue	1000 W	85 V	75000 lm	7200 K
Lok-it! 1000/PS Brilliant	1000 W	85 V	82000 lm	6000 K
Lok-it! 1400/PS Brilliant	1400 W	95.5 V	118000 lm	6000 K
Lok-it! 1700/PS	1700 W	84.5 V	135000 lm	6000 K
Lok-it! 1800/PS Brilliant	1800 W	88 V	148000 lm	6000 K
Lok-it! 2000/PS Brilliant	2000 W	108 V	165000 lm	6000 K

Product description	Physical Attributes & Dimensions			
	Electrode gap (cold)	Lamp base	Diameter	Diameter (in)
Lok-it! 1000/PS	5.5 mm	-	28.0 mm	0.827 in
Lok-it! 1000/PS Blue	5.5 mm	-	28.0 mm	
Lok-it! 1000/PS Brilliant	5.5 mm	-	28.0 mm	
Lok-it! 1400/PS Brilliant	5.3 mm	-	28.0 mm	
Lok-it! 1700/PS	5.2 mm	-	28.0 mm	
Lok-it! 1800/PS Brilliant	5.2 mm	-	28.5 mm	
Lok-it! 2000/PS Brilliant		-	28.5 mm	

Product description	Diameter	Length	Product weight	Operating Conditions
				Burning position
Lok-it! 1000/PS	28.0 mm	112.5 mm	57.00 g	Any

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Product description	Diameter	Length	Product weight	Operating Conditions Burning position
Lok-it! 1000/PS Blue	28.0 mm	112.5 mm	57.00 g	
Lok-it! 1000/PS Brilliant	28.0 mm	112.5 mm	57.00 g	
Lok-it! 1400/PS Brilliant	28.0 mm	120.0 mm	60.00 g	
Lok-it! 1700/PS	28.0 mm	121.0 mm	60.00 g	
Lok-it! 1800/PS Brilliant	28.5 mm	121.0 mm	60.00 g	
Lok-it! 2000/PS Brilliant	28.5 mm	121.0 mm	60.00 g	

	Lifetime Data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Product description	Nominal lifetime	Primary article identifier	Declaration no. in SCIP database	Candidate list substance 1
Lok-it! 1000/PS	950 hr	4052899382947 | 4008321788368 | 4052899965157	No declarable substances contained	No declarable substances contained
Lok-it! 1000/PS Blue	750 hr	4052899965171	No declarable substances contained	No declarable substances contained
Lok-it! 1000/PS Brilliant	750 hr	4052899568266 | 4052899965164	No declarable substances contained	No declarable substances contained
Lok-it! 1400/PS Brilliant	750 hr	4052899965195	No declarable substances contained	No declarable substances contained
Lok-it! 1700/PS	750 hr	4052899965201	No declarable substances contained	No declarable substances contained
Lok-it! 1800/PS Brilliant	750 hr	4062172047081	No declarable substances contained	No declarable substances contained
Lok-it! 2000/PS Brilliant	750 hr	4062172169561	No declarable substances contained	No declarable substances contained

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Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, Lok-it! lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Appropriate filters must ensure that UV radiation is reduced to an acceptable level. 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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