

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 |

Product family datasheet

| | | | | Operating Conditions |
|---------------------------|----------|----------|----------------|----------------------|
| Product description | Diameter | Length | Product weight | 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 | |

| Product description | Lifetime Data | Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | |
|---------------------------|------------------|---|------------------------------------|------------------------------------|
| | 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 |

Product family datasheet

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.