

Lok-it! Power Series (PS)

HTI Short Arc Metal Halide lamps were designed as intense light sources primarily for moving head fixtures in the Entertainment marketplace.



Areas of application

- Concert lighting
- Club and disco
- Stage and theatre
- Studio, TV and film
- Architecture & Architainment

Product family benefits

- Lok-it! PS for concert lighting: stable performance and reliability
- Lok-it! PS Brilliant for theaters: Life-like colors and natural skin tones (CRI 95)
- Lok-it! Blue for concert lighting: Crisp white light for cutting through the other colors on stage

Product family features

- Natural tone of light thanks to CRI as high as 90
- 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 a reduction in green tones standard for HID-lamps
- Plug-and-play base: PGJX28 or PGJX36
- Ceramic base allows high voltage up to 35 kV
- Individual performance features, color-coded for easy identification



Product family datasheet

Technical data

| Product description | Electrical data | | Photometrical data | | | Dimensions & weight | |
|---------------------------|-----------------|-----------------|-----------------------|-------------------|--------------------------|---------------------|----------|
| | Nominal voltage | Nominal current | Nominal luminous flux | Color temperature | Color rendering index Ra | Diameter | Length |
| Lok-it! 1000/PS | 85.0 V | 8 A | 85000 lm | 6000 K | >80 | 28.0 mm | 112.5 mm |
| Lok-it! 1000/PS Blue | 85.0 V | 118 A | 75000 lm | 7200 K | >70 | 28.0 mm | 112.5 mm |
| Lok-it! 1000/PS Brilliant | 85.0 V | 118 A | 82000 lm | 6000 K | 95 | 28.0 mm | 112.5 mm |
| Lok-it! 1400/PS Brilliant | 95.5 V | 147 A | 118000 lm | 6000 K | >93 | 28.0 mm | 120.0 mm |
| Lok-it! 1700/PS | 84.5 V | 20 A | 135000 lm | 6000 K | >92 | 28.0 mm | 121.0 mm |
| Lok-it! 1800/PS Brilliant | 88.0 V | 20.5 A | 148000 lm | 6000 K | >92 | 28.5 mm | 121.0 mm |
| Lok-it! 2000/PS Brilliant | 108 V | 185 A | 165000 lm | 6000 K | 95 | 28.5 mm | 121.0 mm |

| Product description | Light center length (LCL) | Electrode gap cold | Lifespan | Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---------------------------|---------------------------|--------------------|---------------------|---|---|
| | | | Date of Declaration | Primary Article Identifier | |
| Lok-it! 1000/PS | 56.0 mm | 5.5 mm | 750 h | 06-03-2024 | 4008321788368 4052899965157 4052899561830 |
| Lok-it! 1000/PS Blue | 56.0 mm | 5.5 mm | 750 h | 06-03-2024 | 4052899965171 |
| Lok-it! 1000/PS Brilliant | 56.0 mm | 5.5 mm | 750 h | 06-03-2024 | 4052899382947 4052899965164 4052899568266 |
| Lok-it! 1400/PS Brilliant | 60.0 mm | 5.3 mm | 750 h | 06-03-2024 | 4052899965195 4052899557994 |
| Lok-it! 1700/PS | 60.0 mm | 5.2 mm | 750 h | 06-03-2024 | 4052899965201 4052899561854 |
| Lok-it! 1800/PS Brilliant | 60.0 mm | 5.2 mm | 750 h | 06-03-2024 | 4062172040518 4062172047081 |
| Lok-it! 2000/PS Brilliant | | | 1000 h | 07-03-2024 | 4062172166546 4062172169561 |

| Product description | Candidate List Substance 1 | Declaration No. in SCIP database |
|---------------------------|------------------------------------|-------------------------------------|
| Lok-it! 1000/PS | No declarable substances contained | In work |
| Lok-it! 1000/PS Blue | No declarable substances contained | No declarable substances contained |
| Lok-it! 1000/PS Brilliant | No declarable substances contained | In work |

Product family datasheet

| Product description | Candidate List Substance 1 | Declaration No. in SCIP database |
|----------------------------|------------------------------------|---|
| Lok-it! 1400/PS Brilliant | No declarable substances contained | In work |
| Lok-it! 1700/PS | No declarable substances contained | In work |
| Lok-it! 1800/PS Brilliant | No declarable substances contained | In work |
| Lok-it! 2000/PS Brilliant | 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.