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

	Electrical data		Photometrical data			Dimensions & weight	
Product description	**Nominal voltage**	**Nominal current**	**Nominal luminous flux**	**Color temperature**	**Color rendering index Ra**	**Diameter**	**Length**
Lok-it! 1000/PS	850 V	8 A	85000 lm	6000 K	>80	280 mm	1125 mm
Lok-it! 1000/PS Blue	850 V	118 A	75000 lm	7200 K	>70	2800 mm	1125 mm
Lok-it! 1000/PS Brilliant	850 V	118 A	82000 lm	6000 K	95	2800 mm	1125 mm
Lok-it! 1400/PS Brilliant	955 V	147 A	118000 lm	6000 K	>93	2800 mm	1200 mm
Lok-it! 1700/PS	845 V	20 A	135000 lm	6000 K	>92	2800 mm	1210 mm
Lok-it! 1800/PS Brilliant	880 V	205 A	148000 lm	6000 K	>92	2850 mm	1210 mm
Lok-it! 2000/PS Brilliant	108 V	185 A	165000 lm	6000 K	95	2850 mm	1210 mm

			Lifespan	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Product description	**Light center length (LCL)**	**Electrode gap cold**	**Lifespan**	**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

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.