

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

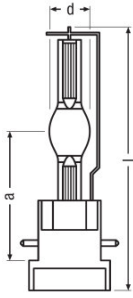
- Lok-it! PS for concert lighting: stable performance and reliability
- Lok-it! PS Brilliant for theaters: Life-like colors and natural skin tones (CRI 95)
- Lok-it! Blue for concert lighting: Crisp white light for cutting through the other colors on stage

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



Product line drawing

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	82.0 V	8 A	85000 lm	6000 K	92	28.0 mm	112.0 mm
Lok-it! 1000/PS Blue	85.0 V	11.8 A	75000 lm	7200 K		21.0 mm	112.5 mm
Lok-it! 1000/PS Brilliant	85.0 V	11.8 A	82000 lm	6000 K	95	21.0 mm	112.0 mm
Lok-it! 1400/PS Brilliant	83.3 V	16.8 A	120000 lm	6000 K	95	26.0 mm	125.0 mm
Lok-it! 1700/PS	84.5 V	18.5 A	140000 lm	6000 K	92	27.0 mm	122.0 mm
Lok-it! 1800/PS Brilliant	84.5 V	18.5 A	140000 lm	6000 K	92	27.0 mm	122.0 mm

Product description	Light center length (LCL)	Electrode gap cold	Lifespan	Certificates & standards
			Lifespan	EEI – Energy Label
Lok-it! 1000/PS	56.0 mm	5.5 mm	750 h	B
Lok-it! 1000/PS Blue	56.0 mm	5.5 mm	750 h	
Lok-it! 1000/PS Brilliant	56.0 mm	5.5 mm	750 h	
Lok-it! 1400/PS Brilliant	60.0 mm	5.3 mm	750 h	
Lok-it! 1700/PS	60.0 mm	5.2 mm	750 h	
Lok-it! 1800/PS Brilliant	60.0 mm	5.2 mm	750 h	

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.