Lok-it!

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 & Disco
- Stage and theatre
- Studio, TV and film
- Architecture & Architainment

Product family benefits

- Higher luminous efficacy than conventional HID lamps provides higher fixture efficiency
- Rapid relamping with bayonet lock

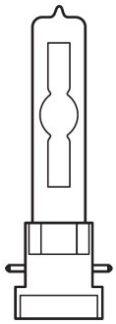
Product family features

- Compact design and short arc gap for use in smaller and brighter fixtures
- Fast lamp replacement with one touch thanks to rotating lock
- 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
- Ceramic base allows high voltage up to 35 kV

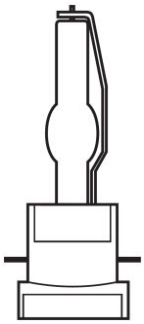




© 2024, OSRAM GmbH. All rights reserved.



330962_Lok-it! HSD 300W80P28



330963_LOK-IT! HTI 1500 W60P50

© 2024, OSRAM GmbH. All rights reserved.

Product family datasheet

Technical data

	Electrical data		Photometrical data			Dimensions & weight	
Product description	**Nominal voltage**	**Nominal current**	**Nominal luminous flux**	**Color temper-ature**	**Color render-ing index Ra**	**Diameter**	**Length**
Lok-it! HSD 300 W/80/P28	95.0 V		20500 lm	8700 K	>70	23.0 mm	122.3 mm
Lok-it! HTI 400 W/60/P28	49.0 V	6.2 A	30000 lm	6500 K	>80	23.0 mm	103.0 mm
Lok-it! HTI 700 W/60/P28	64.0 V	11.6 A	50000 lm	6000 K	>70	18.0 mm	112.0 mm
Lok-it! HTI 700 W/75/P28	68.0 V	10.3 A	50000 lm	6700 K	>75	23.0 mm	112.0 mm
Lok-it! HTI 700 W/60/P50	60.0 V	11.70 A	49000 lm	5800 K	75	25.0 mm	125.0 mm
Lok-it! HTI 700 W/75/P50	100 V	10.3 A	50000 lm	7250 K	>75	25.0 mm	125.0 mm
Lok-it! HTI 1500 W/60/P50	100 V	15 A	130000 lm	6000 K	>85	29.0 mm	128.0 mm
Lok-it! HTI 1500 W/60/P50 M3W	100 V	15 A	130000 lm	6000 K		29.0 mm	130.0 mm
Lok-it! HTI 1600 W/60/P50	83.3 V	19.20 A	140000 lm	6000 K	95	26.0 mm	125.0 mm
Lok-it! HTI 2000 W/75/P50	100 V	20 A	155000 lm	7500 K	77	29.0 mm	130.0 mm
Lok-it! HTI 2000 W/60/P50	107 V	18.6 A	165000 lm	6000 K	95	29.0 mm	130.0 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! HSD 300 W/80/P28	67.0 mm	5.0 mm	2000 h	05-03-2024	4008321493989 | 4008321644831
Lok-it! HTI 400 W/60/P28	56.0 mm	3.4 mm	750 h	05-03-2024	4008321605481
Lok-it! HTI 700 W/60/P28	56.0 mm	4.1 mm	750 h	16-02-2024	4052899179790
Lok-it! HTI 700 W/75/P28	56.0 mm	4.0 mm	750 h	22-02-2024	4008321510549
Lok-it! HTI 700 W/60/P50	65.0 mm	4.1 mm	750 h	29-02-2024	4062172398909
Lok-it! HTI 700 W/75/P50	65.0 mm	4.0 mm	750 h	05-03-2024	4008321485205
Lok-it! HTI 1500 W/60/P50	65.0 mm	6.1 mm	750 h	05-03-2024	4008321553416 | 4052899561823
Lok-it! HTI 1500 W/60/P50 M3W	67.0 mm	7.0 mm	750 h	06-03-2024	4008321818997
Lok-it! HTI 1600 W/60/P50			750 h	07-03-2024	4062172123488
Lok-it! HTI 2000 W/75/P50			750 h	07-03-2024	4062172133111
Lok-it! HTI 2000 W/60/P50			750 h	07-03-2024	4062172133098

Product description	**Candidate List Substance 1**	**Declaration No. in SCIP database**
Lok-it! HSD 300 W/80/P28	No declarable substances contained	No declarable substances contained

© 2024, OSRAM GmbH. All rights reserved.

Product description	Candidate List Substance 1	Declaration No. in SCIP database
Lok-it! HTI 400 W/60/P28	No declarable substances contained	No declarable substances contained
Lok-it! HTI 700 W/60/P28	No declarable substances contained	No declarable substances contained
Lok-it! HTI 700 W/75/P28	No declarable substances contained	No declarable substances contained
Lok-it! HTI 700 W/60/P50		In work
Lok-it! HTI 700 W/75/P50	No declarable substances contained	No declarable substances contained
Lok-it! HTI 1500 W/60/P50	No declarable substances contained	In work
Lok-it! HTI 1500 W/60/P50 M3W	No declarable substances contained	No declarable substances contained
Lok-it! HTI 1600 W/60/P50	No declarable substances contained	No declarable substances contained
Lok-it! HTI 2000 W/75/P50	No declarable substances contained	No declarable substances contained
Lok-it! HTI 2000 W/60/P50	No declarable substances contained	No declarable substances contained

© 2024, OSRAM GmbH. All rights reserved.

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.

© 2024, OSRAM GmbH. All rights reserved.