

Lok-it! Metal Halide



Areas of application

- Concert Lighting
- Club & Disco
- Stage & Theatre
- Studio, TV, & Film
- Architecture & Architainment

Product features and benefits

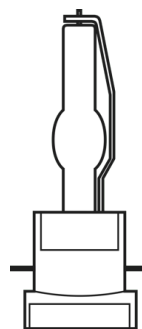
- Compact design and short arc gap allows for smaller and brighter fixtures
- Fast lamp replacement with one-touch rotate and lock base
- Robust design with eXtreme Seal (XS) technology, allowing up to 450°C at the pinch seal
- Consistent lumen output over the life of the lamp
- Improved ceramic base allows high voltage up to 35kV
- Higher luminous efficacy than conventional HID lamps provides higher fixture efficiency



Product family datasheet



Lok-it! HSD 300W/80/P28



LOK-IT! HTI 1500 W/60/P50

Product family datasheet

Technical data

General Product Information				
Product description	Product number (Americas)	Product name (Americas)	Family brand	Global order reference
Lok-it! HSD 300 W/80/P28	54382	LOK-IT HSD 300/80/P28 10/CS 1/SKU	Lok-it!	Lok-it! HSD 300 W/80/P28
Lok-it! HTI 400 W/60/P28				Lok-it! HTI 400 W/60/P28
Lok-it! HTI 700 W/60/P28	54727	LOK-IT HTI 700W/60/P28 1/CS 1/SKU	HTI	Lok-it! HTI 700 W/60/P28
Lok-it! HTI 700 W/75/P28	54221	LOK-IT HTI 700W/75/P28 1/CS 1/SKU	HTI	Lok-it! HTI 700 W/75/P28
Lok-it! HTI 700 W/75/P50	54229	LOK-IT HTI 700W/75/P50 1/CS 1/SKU	HTI	Lok-it! HTI 700 W/75/P50
Lok-it! HTI 700 W/60/P50	4062172398909	LOK-IT HTI 700W/60/P50 10/CS 1/SKU		Lok-it! HTI 700 W/60/P50
Lok-it! HTI 1500 W/60/P50	54225	LOK-IT HTI 1500W/60/P50 1/CS 1/SKU	Lok-it!	Lok-it! HTI 1500 W/60/P50
Lok-it! HTI 1500 W/60/P50 M3W	54396	LOK-IT HTI 1500W/60/P50 M3W 1/CS 1/SKU	Lok-it!	Lok-it! HTI 1500 W/60/P50 M3W
Lok-it! HTI 1600 W/60/P50	59474	LOK-IT 1600W/60/P50 10/CS 1/SKU	Lok-it!	Lok-it! HTI 1600 W/60/P50
Lok-it! HTI 2000 W/60/P50	4062172133098	LOK-IT! 2000W/60/P50 10/CS 1/SKU	Lok-it!	Lok-it! HTI 2000 W/60/P50
Lok-it! HTI 2000 W/75/P50	4062172133111	LOK-IT! 2000W/75/P50 10/CS 1/SKU	Lok-it!	Lok-it! HTI 2000 W/75/P50

		Electrical Data		Photometric Data
Product description	Lamp type	Nominal wattage	Nominal voltage	Nominal luminous flux
Lok-it! HSD 300 W/80/P28		300 W	95 V	20500 lm
Lok-it! HTI 400 W/60/P28		400 W	49 V	30000 lm
Lok-it! HTI 700 W/60/P28		700 W	64 V	50000 lm
Lok-it! HTI 700 W/75/P28		700 W	68 V	50000 lm
Lok-it! HTI 700 W/75/P50		700 W	100 V	50000 lm
Lok-it! HTI 700 W/60/P50		700 W	59 V	49000 lm
Lok-it! HTI 1500 W/60/P50	SINGLE END	1500 W	100 V	130000 lm
Lok-it! HTI 1500 W/60/P50 M3W		1500 W	100 V	130000 lm
Lok-it! HTI 1600 W/60/P50		1600 W	83.3 V	140000 lm
Lok-it! HTI 2000 W/60/P50		2000 W	107 V	165000 lm

Product family datasheet

Product description	Lamp type	Electrical Data		Photometric Data
		Nominal wattage	Nominal voltage	Nominal luminous flux
Lok-it! HTI 2000 W/75/P50		2000 W	100 V	155000 lm

Product description	Color temperature	Physical Attributes & Dimensions		
		Electrode gap (cold)	Lamp base	Diameter (in)
Lok-it! HSD 300 W/80/P28	8700 K	5.0 mm	-	0.906 in
Lok-it! HTI 400 W/60/P28	6500 K	3.4 mm	-	0.669 in
Lok-it! HTI 700 W/60/P28	6000 K	4.1 mm	-	
Lok-it! HTI 700 W/75/P28	6700 K	4.0 mm	-	in
Lok-it! HTI 700 W/75/P50	7250 K	4.0 mm	-	
Lok-it! HTI 700 W/60/P50	5800 K	4.1 mm	PGJX50	
Lok-it! HTI 1500 W/60/P50	6000 K	6.1 mm	-	
Lok-it! HTI 1500 W/60/P50 M3W	6000 K	7.0 mm	-	
Lok-it! HTI 1600 W/60/P50	6000 K		-	
Lok-it! HTI 2000 W/60/P50	6000 K		-	
Lok-it! HTI 2000 W/75/P50	7500 K		-	

Product description	Diameter	Diameter	Length	Product weight
Lok-it! HSD 300 W/80/P28	23.0 mm	23.0 mm	121.0 mm	140.00 g
Lok-it! HTI 400 W/60/P28	23.0 mm	23.0 mm	103.0 mm	130.00 g
Lok-it! HTI 700 W/60/P28	18.0 mm	18.0 mm	112.0 mm	130.00 g
Lok-it! HTI 700 W/75/P28	23.0 mm	23.0 mm	112.0 mm	130.00 g
Lok-it! HTI 700 W/75/P50	25.0 mm	25.0 mm	125.0 mm	140.00 g
Lok-it! HTI 700 W/60/P50	25.0 mm	25.0 mm	125.0 mm	130.00 g
Lok-it! HTI 1500 W/60/P50	29.0 mm	29.0 mm	128.0 mm	100.00 g
Lok-it! HTI 1500 W/60/P50 M3W	29.0 mm	29.0 mm	130.0 mm	100.00 g
Lok-it! HTI 1600 W/60/P50	26.0 mm	26.0 mm	125.0 mm	60.00 g
Lok-it! HTI 2000 W/60/P50	29.0 mm	29.0 mm	130.0 mm	135.00 g
Lok-it! HTI 2000 W/75/P50	29.0 mm	29.0 mm	130.0 mm	135.00 g

Product description	Operating Conditions	Lifetime Data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
	Burning position	Nominal lifetime	Primary article identifier	Declaration no. in SCIP database
Lok-it! HSD 300 W/80/P28	Other	2000 hr	4008321644831	No declarable substances contained
Lok-it! HTI 400 W/60/P28	Any	750 hr	4008321605481	No declarable substances contained
Lok-it! HTI 700 W/60/P28	Any	750 hr	4052899179790	No declarable substances contained
Lok-it! HTI 700 W/75/P28		750 hr	4008321510549	No declarable substances contained
Lok-it! HTI 700 W/75/P50	Other	750 hr	4008321485205	No declarable substances contained
Lok-it! HTI 700 W/60/P50	Any	750 hr	4062172398909	In work

Product family datasheet

	Operating Conditions	Lifetime Data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Product description	Burning position	Nominal lifetime	Primary article identifier	Declaration no. in SCIP database
Lok-it! HTI 1500 W/60/P50	Other	750 hr	4008321553416 4052899561823	No declarable substances contained
Lok-it! HTI 1500 W/60/P50 M3W		750 hr	4008321818997	No declarable substances contained
Lok-it! HTI 1600 W/60/P50		750 hr	4062172123488	No declarable substances contained
Lok-it! HTI 2000 W/60/P50		1000 hr	4062172133098	No declarable substances contained
Lok-it! HTI 2000 W/75/P50		1000 hr	4062172133111	No declarable substances contained

Product description	Candidate list substance 1
Lok-it! HSD 300 W/80/P28	No declarable substances contained
Lok-it! HTI 400 W/60/P28	No declarable substances contained
Lok-it! HTI 700 W/60/P28	No declarable substances contained
Lok-it! HTI 700 W/75/P28	No declarable substances contained
Lok-it! HTI 700 W/75/P50	No declarable substances contained
Lok-it! HTI 700 W/60/P50	
Lok-it! HTI 1500 W/60/P50	No declarable substances contained
Lok-it! HTI 1500 W/60/P50 M3W	No declarable substances contained
Lok-it! HTI 1600 W/60/P50	No declarable substances contained
Lok-it! HTI 2000 W/60/P50	No declarable substances contained
Lok-it! HTI 2000 W/75/P50	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.