

## 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

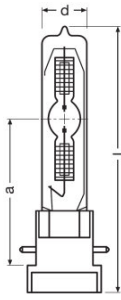
- Higher luminous efficacy than conventional HID lamps provides higher fixture efficiency
- Rapid relamping with bayonet lock

### Product family features

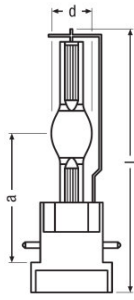
- Compact design and short arc gap for use in smaller and brighter fixtures
- Fast lamp replacement with one touch thanks to rotating lock
- Robust design with eXtreme Seal (XS) technology, allowing up to 450°C at the pinch seal
- Consistent lumen output over the life of the lamp
- Ceramic base allows high voltage up to 35 kV



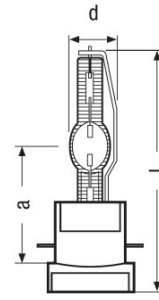
## Product family datasheet



Product line drawing



Product line drawing



Product line drawing

## Product family datasheet

### Technical data

Product description	Electrical data		Photometrical data			Dimensions & weight	
	Nominal voltage	Nominal current	Color temperature	Color rendering index Ra	Nominal luminous flux	Diameter	Length
Lok-it! HSD 300 W/80/P28	95.0 V		8700 K	> 85		23.0 mm	122.3 mm
Lok-it! HTI 400 W/60/P28	49.0 V	8 A	6000 K	> 85	30000 lm	17.0 mm	103.0 mm
Lok-it! HTI 700 W/60/P28	90.0 V	10.0 A	7500 K	> 75	50000 lm	18.0 mm	125.0 mm
Lok-it! HTI 700 W/75/P28	68.0 V	10.3 A	7500 K		50000 lm	20.0 mm	125.0 mm
Lok-it! HTI 700 W/75/P50	100 V	10.0 A	7500 K	85	50000 lm	25.0 mm	128.0 mm
Lok-it! HTI 1500 W/60/P50	100 V	15.0 A	6000 K	>85	130000 lm	29.0 mm	128.0 mm
Lok-it! HTI 1500 W/60/P50 M3W	100 V	15.0 A				26.0 mm	128.0 mm

Product description	Light center length (LCL)	Electrode gap cold	Lifespan	Certificates & standards
			Lifespan	EEL – Energy Label
Lok-it! HSD 300 W/80/P28	67.0 mm	5.0 mm	2000 h	C
Lok-it! HTI 400 W/60/P28	56.0 mm	3.4 mm	750 h	B
Lok-it! HTI 700 W/60/P28	56.0 mm	4.1 mm	750 h	
Lok-it! HTI 700 W/75/P28	56.0 mm	4.0 mm	750 h	
Lok-it! HTI 700 W/75/P50	65.0 mm	4.0 mm	750 h	B
Lok-it! HTI 1500 W/60/P50	65.0 mm	6.1 mm	750 h	B
Lok-it! HTI 1500 W/60/P50 M3W	67.0 mm	7.0 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.