

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

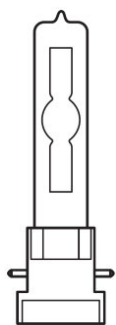
- Higher luminous efficacy than conventional HID lamps provides higher fixture efficiency
- Rapid relamping with bayonet lock

Product family features

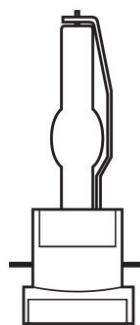
- Compact design and short arc gap for use in smaller and brighter fixtures
- Fast lamp replacement with one touch thanks to rotating lock
- Robust design with eXtreme Seal (XS) technology, allowing up to 450°C at the pinch seal
- Consistent lumen output over the life of the lamp
- Ceramic base allows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



Product family datasheet



330962_Lok-it! HSD 300W80P28



330963_LOK-IT! HTI 1500 W60P50

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! HSD 300 W/80/P28 | 95.0 V | | 20500 lm | 8700 K | >70 | 23.0 mm | 122.3 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 |

| Product description | Light center length (LCL) | Electrode gap cold | Lifespan | Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|-------------------------------|---------------------------|--------------------|----------|--|-------------------------------|
| | | | 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 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 |
| Lok-it! HTI 700 W/60/P28 | No declarable substances contained | No declarable substances contained |

Product family datasheet

| Product description | Candidate List Substance 1 | Declaration No. in SCIP database |
|-------------------------------|---------------------------------------|---------------------------------------|
| 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 |

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.