

Lok-it! Metal Halide

High performance lamps with special twist and lock base for easy lamp replacement



Areas of application

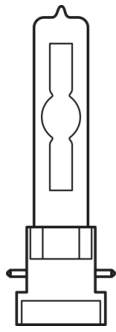
- Concert Lighting
- Club & Disco
- Stage & Theatre
- Studio, TV, & Film
- Architecture & Architainment

Product features and benefits

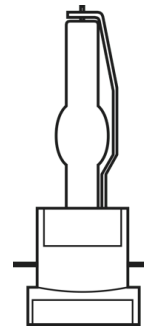
- Compact design and short arc gap allows for smaller and brighter fixtures
- Fast lamp replacement with one-touch rotate and lock base and socket design
- Robust design with eXtreme Seal (XS) technology, allowing up to 450°C at the pinch seal
- Consistent lumen output over the life of the lamp
- Improved 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 300W80P28



LOK-IT! HTI 1500 W60P50

Product family datasheet

Technical data

| Product description | General Product Information | | | |
|-------------------------------|-----------------------------|--|--------------|-------------------------------|
| | 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 |

| Product description | Lamp type | Electrical Data | | Photometric Data |
|-------------------------------|------------|-----------------|-----------------|-----------------------|
| | | Nominal wattage | Nominal voltage | Nominal luminous flux |
| Lok-it! HSD 300 W/80/P28 | | 300 W | 95.0 V | 20500 lm |
| Lok-it! HTI 400 W/60/P28 | | 400 W | 49.0 V | 30000 lm |
| Lok-it! HTI 700 W/60/P28 | | 700 W | 64.0 V | 50000 lm |
| Lok-it! HTI 700 W/75/P28 | | 700 W | 68.0 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 | 59.0 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 |
| Lok-it! HSD 300 W/80/P28 | 8700 K | 5.0 mm | - | 23.0 mm |
| Lok-it! HTI 400 W/60/P28 | 6500 K | 3.4 mm | - | 23.0 mm |
| Lok-it! HTI 700 W/60/P28 | 6000 K | 4.1 mm | - | 18.0 mm |
| Lok-it! HTI 700 W/75/P28 | 6700 K | 4.0 mm | - | 23.0 mm |
| Lok-it! HTI 700 W/75/P50 | 7250 K | 4.0 mm | - | 25.0 mm |
| Lok-it! HTI 700 W/60/P50 | 5800 K | 4.1 mm | PGJX50 | 25.0 mm |
| Lok-it! HTI 1500 W/60/P50 | 6000 K | 6.1 mm | - | 29.0 mm |
| Lok-it! HTI 1500 W/60/P50 M3W | 6000 K | 7.0 mm | - | 29.0 mm |
| Lok-it! HTI 1600 W/60/P50 | 6000 K | - | - | 26.0 mm |
| Lok-it! HTI 2000 W/60/P50 | 6000 K | - | - | 29.0 mm |
| Lok-it! HTI 2000 W/75/P50 | 7500 K | - | - | 29.0 mm |

| Product description | Diameter (in) | Length | Product weight | Operating Conditions |
|-------------------------------|---------------|----------|----------------|----------------------|
| | | | | Burning position |
| Lok-it! HSD 300 W/80/P28 | 0.906 in | 121.0 mm | 140.00 g | Other |
| Lok-it! HTI 400 W/60/P28 | 0.669 in | 103.0 mm | 130.00 g | Any |
| Lok-it! HTI 700 W/60/P28 | | 112.0 mm | 130.00 g | Any |
| Lok-it! HTI 700 W/75/P28 | in | 112.0 mm | 130.00 g | |
| Lok-it! HTI 700 W/75/P50 | | 125.0 mm | 140.00 g | Other |
| Lok-it! HTI 700 W/60/P50 | | 125.0 mm | 130.00 g | Any |
| Lok-it! HTI 1500 W/60/P50 | | 128.0 mm | 100.00 g | Other |
| Lok-it! HTI 1500 W/60/P50 M3W | | 130.0 mm | 100.00 g | |
| Lok-it! HTI 1600 W/60/P50 | | 125.0 mm | 60.00 g | |
| Lok-it! HTI 2000 W/60/P50 | | 130.0 mm | 135.00 g | |
| Lok-it! HTI 2000 W/75/P50 | | 130.0 mm | 135.00 g | |

| Product description | Lifetime Data | Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | |
|--------------------------|------------------|---|------------------------------------|------------------------------------|
| | Nominal lifetime | Primary article identifier | Declaration no. in SCIP database | Candidate list substance 1 |
| Lok-it! HSD 300 W/80/P28 | 2000 hr | 4008321644831 | No declarable substances contained | No declarable substances contained |
| Lok-it! HTI 400 W/60/P28 | 750 hr | 4008321605481 | No declarable substances contained | No declarable substances contained |
| Lok-it! HTI 700 W/60/P28 | 750 hr | 4052899179790 | No declarable substances contained | No declarable substances contained |
| Lok-it! HTI 700 W/75/P28 | 750 hr | 4008321510549 | No declarable substances contained | No declarable substances contained |
| Lok-it! HTI 700 W/75/P50 | 750 hr | 4008321485205 | No declarable substances contained | No declarable substances contained |

Product family datasheet

| Product description | Lifetime Data | Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | |
|-------------------------------|------------------|--|------------------------------------|------------------------------------|
| | Nominal lifetime | Primary article identifier | Declaration no. in SCIP database | Candidate list substance 1 |
| Lok-it! HTI 700 W/60/P50 | 750 hr | 4062172398909 | In work | |
| Lok-it! HTI 1500 W/60/P50 | 750 hr | 4008321553416 4052899561823 | No declarable substances contained | No declarable substances contained |
| Lok-it! HTI 1500 W/60/P50 M3W | 750 hr | 4008321818997 | No declarable substances contained | No declarable substances contained |
| Lok-it! HTI 1600 W/60/P50 | 750 hr | 4062172123488 | No declarable substances contained | No declarable substances contained |
| Lok-it! HTI 2000 W/60/P50 | 1000 hr | 4062172133098 | No declarable substances contained | No declarable substances contained |
| Lok-it! HTI 2000 W/75/P50 | 1000 hr | 4062172133111 | 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.