

Lok-It!® Lamp Family

Single-End Metal Halide and Halogen Lamps with Lok-it! Base



Key Features & Benefits

- The compact design and short arc gap allows for smaller & brighter fixtures
- Fast lamp replacement with one-touch rotate & lock base and socket design
- Robust with XS technology, allowing up to 450°C at the pinch seal
- Consistent lumen output over the life of the lamp
- Improved ceramic bases allow high voltage up to 35kV
- Higher luminous efficiency than conventional HID lamps leads to higher fixture efficiency

For years now OSRAM HTI Lok-It! lamps have been meeting the toughest demands of the event industry. Specified in fixtures throughout the world, OSRAM Lok-It! lamps are known for their excellent brightness, reliability, and color quality.

Designed for ease of use and safety, Lok-it! lamps allow for handling only by the base, and insertion into the fixture from the back of the reflector, so there is less risk to the quartz capsule during installation or removal.

OSRAM Lok-It! lamps belong to the family of AC operated Metal Halide and Halogen lamps primarily designed for the entertainment market.

Product Offering

Description	Wattage (W)	Color Temperature (K)	Base
HSD 300W/80/P28	300	8000	PGJX28
HTI 400W/60/P28	400	6000	PGJX28
HTI 700W/60/P28	700	6000	PGJX28
HTI 700W/75/P28	700	7500	PGJX28
HTI 700W/75/P50	700	7500	PGJX50
HTI 1000W/PS	1000	6000	PGJX36
HTI 1000W/PS Blue	1000	7500	PGJX36
HTI 1000W/PS Brilliant	1000	6000	PGJX36
HTI 1400W/PS Brilliant	1400	6000	PGJX28
HTI 1500W/60/P50	1500	6000	PGJX50
HTI 1500W/60/P50 M3W	1500	6000	PGJX50
HTI 1700W/PS	1700	6000	PGJX28
1200W/80V/32/P50	1200	3200	PGJX50

Application Information

Applications

- Club lighting
- Exhibition lighting
- Lighting for major events
- Stage, studio, television

Typical Fixtures

- Follow spots and moving head fixtures

Application Notes

1. These lamps emit ultraviolet (UV) radiation and operate at high internal pressure. Before use, read the complete warnings accompanying the product.
2. Lok-It! lamps may only be operated in enclosed fixtures specially constructed for that purpose.
3. Metal halide lamps contain mercury. When disposing of lamps, always comply with federal, state, local, and provincial rules and regulations to ensure proper disposal.
4. Lok-It! lamps are designed to be operated on electronic power supplies (ECG) only.

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Ordering Information

Product Number	Ordering Abbreviation	Rated Wattage	Voltage (V)	Current (A)	Lumens	Arc Gap (mm)	Base	Color Temp (K)	CRI Ra	Avg. Rated Life	Burning Position
Lok-it!® Metal Halide Lamps											
54382	HSD 300W/80/P28	300	95	3.2	27,000	5	PGJX28	8000	85	2000	Any
54360	HTI 400W/60/P28	400	65	6.2	29,000	3.4	PGJX28	6000	85	750	Any
54727	HTI 700W/60/P28	700	64	10	50,000	4	PGJX28	6000	85	750	Any
54221	HTI 700W/75/P28	700	80	8.8	50,000	4	PGJX28	7500	85	750	Any
54229	HTI 700W/75/P50	700	90	7.8	50,000	4	PGJX50	7500	85	750	Any
54225	HTI 1500W/60/P50	1500*	100	16	135,000	5.5	PGJX50	6000	90	750	Any
54396	HTI 1500W/60/P50 M3W	1500*	100	16	125,000	7	PGJX50	6000	90	750	Any
Lok-it!® HTI Power Series											
54385	HTI 1000W/PS	1000	85	11.8	85,000	5.5	PGJX36	6000	85	750	Any
54339	HTI 1000W/PS Blue	1000	85	11.8	75,000	5.5	PGJX36	7500	85	750	Any
53973	HTI 1000W/PS Brilliant	1000	85	11.8	82,000	5.5	PGJX36	6000	95	750	Any
54330	HTI 1400W/PS Brilliant	1400	90	15.5	120,000	5.5	PGJX28	6000	95	750	Any
53988	HTI 1700W/PS	1700	85	20	140,000	5.5	PGJX28	6000	92	750	Any
Lok-it!® Halogen Lamp											
54871	1200W/80V/32/P50	1200	80	15	37,500	N/A	PGJX50d	3200	100	250	Any

*Lamp can be operated between 1200 and 1500 watts on electronic ballasts.

Ordering Guide

HTI	/	1500W	/	60	/	P50
Product Family		Wattage		Color Temperature 60 = 6000K		Base P28=PGJX28 P36=PGJX36 P50=PGJX50

Dimensions

	HSD 300W/ 80/P28	HTI 400W/ 60/P28	HTI 700W/ 60/P28	HTI 700W/ 75/P28	HTI 700W/ 75/P50	HTI 1000W/ PS	HTI 1000W/PS Brilliant	HTI 1400W/PS Brilliant	HTI 1500W/ 60/P50	HTI 1500W/ 60/P50/M3W	HTI 1700W/ PS
Item Number	54382	54360	54727	54221	54229	54385	53973	54330	54225	54396	53988
Figure No.	1	2	2	2	3	4	4	4	5	5	4
Lamp length (overall) (mm) l	122	103	117	117	125	112	112	125	128	128	125
LCL (mm) a	67	56.5	56	56	65	56	56	60	65	65	60
Bulb diameter (mm) d	23	17	18	18	20	21	21	21	23	23	22

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