

# HTI<sup>®</sup> 1500W/60/P50 Lok-it!<sup>®</sup>

## Single-ended, short-arc metal halide lamp



The OSRAM HTI 1500W/60/P50 Lok-it! lamp is the first in a series of Lok-it! twist-lock lamps used with the PGJ50 lampholder. Designed to be operated at both 1200W and 1500W, this lamp is the perfect solution to both existing luminaires that use the 1200 watt PGJX50 lamp, as well as newer luminaires designed for the higher 1500 watt output.

### Key Features & Benefits

- A one-touch twist-lock lamp solution
- Variable operating range of 1200W to 1500W, depending on electronic power supply, with no effect on the life of the lamp
- Simulates daylight color temperature of 6000°K
- High CRI >85
- Small arc gap of 5mm allows for crisp optical performance
- Solid nickel contacts ensure optimum electrical compatibility with the socket

### Product Offering

Product Number	54224
Product Description	HTI 1500W/60/P50 Lok-it!
Rated Wattage (W)	1500
Ignition Voltage (cold)	4.5kV
Rated Voltage (V)	100 +/- 10
Rated lamp Current (A)	16 (max 17.5)
Luminous Flux (lm)	145,000
Arc Gap (mm)	5
Avg. Rated Life (hrs)	750
Color Temperature (K)	6000
CRI	>85
Base	PGJ50d

### Application Information

#### Applications

- Follow Spots
- Intelligent Fixtures
- Stage, Studio, Television
- Club Lighting

#### Warning

This lamp emits a high level of ultraviolet (UV) radiation and operates at high pressure. Before use, read the complete warning accompanying the product.

#### Disposal

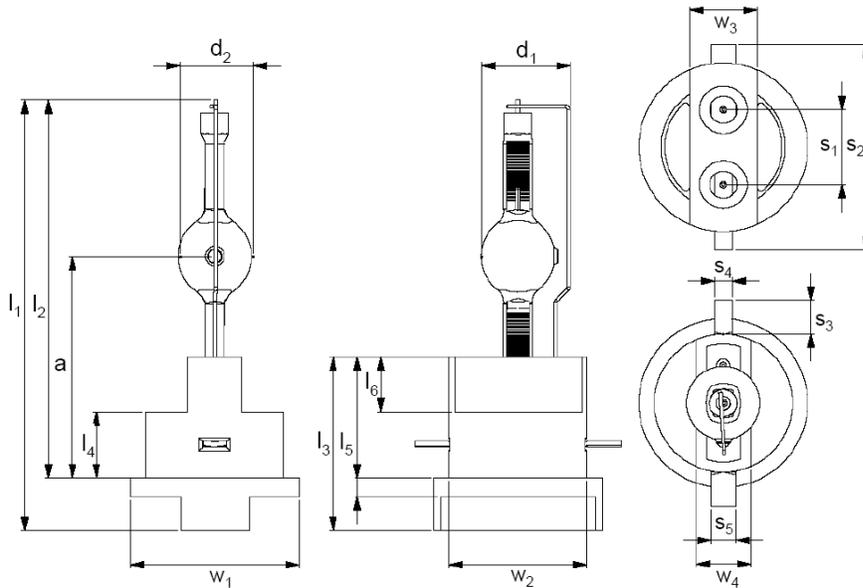
When disposing of spent lamps, always consult federal, state, local and provincial hazardous waste disposal rules and regulations to ensure proper disposal.

## Ordering Information

Lamp Description	Product Number	Standard Case Quantity
HTI 1500/60/P50 Lok-it!	54224	1/Case

## Ordering Guide

HTI	1500	/	60	/	P50	Lok-it!
HTI Metal Halide Lamp	Wattage = 1500		Color Temp = 6000°K		Base = PGJ50	Family Name = Lok-it!



## Technical Data

Lamp length (overall) (mm) $l_1$	$128 \pm 1$	Base plate diameter (mm) $w_1$	50
Lamp length (mm) $l_2$	$112 \pm 1$	Base neck width (mm) $w_2$	41
LCL (mm) $a$	$65 \pm 1$	Base handle width (mm) $w_3$	20
Base height (overall) (mm) $l_3$	51	Base neck width (mm) $w_4$	16
Bulb diameter (mm) $d_2$	max. 23	Base pin inner distance (mm) $s_1$	22
Bulb diameter (mm) $d_1$ (incl. current bar)	max. 27.5	Base pin outer distance (mm) $s_2$	61
Base height part (mm) $l_4$	19.5	Base pin length (mm) $s_3$	10
Base height part (mm) $l_5$	35.5	Base pin width (mm) $s_4$	5
Base height part (mm) $l_6$	16	Base pin width (mm) $s_5$	7

## Lamp Operation

Maximum pinch seal temperature allowed	450°C / with eXtreme Seal Technology (measured at welding point)
Cooling	Forced cooling / fan required
Burning position	Any

The HTI® 1500 W/60/P50 Lok-it!® lamp is designed to be operated on electronic power supplies (ECG) only.

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