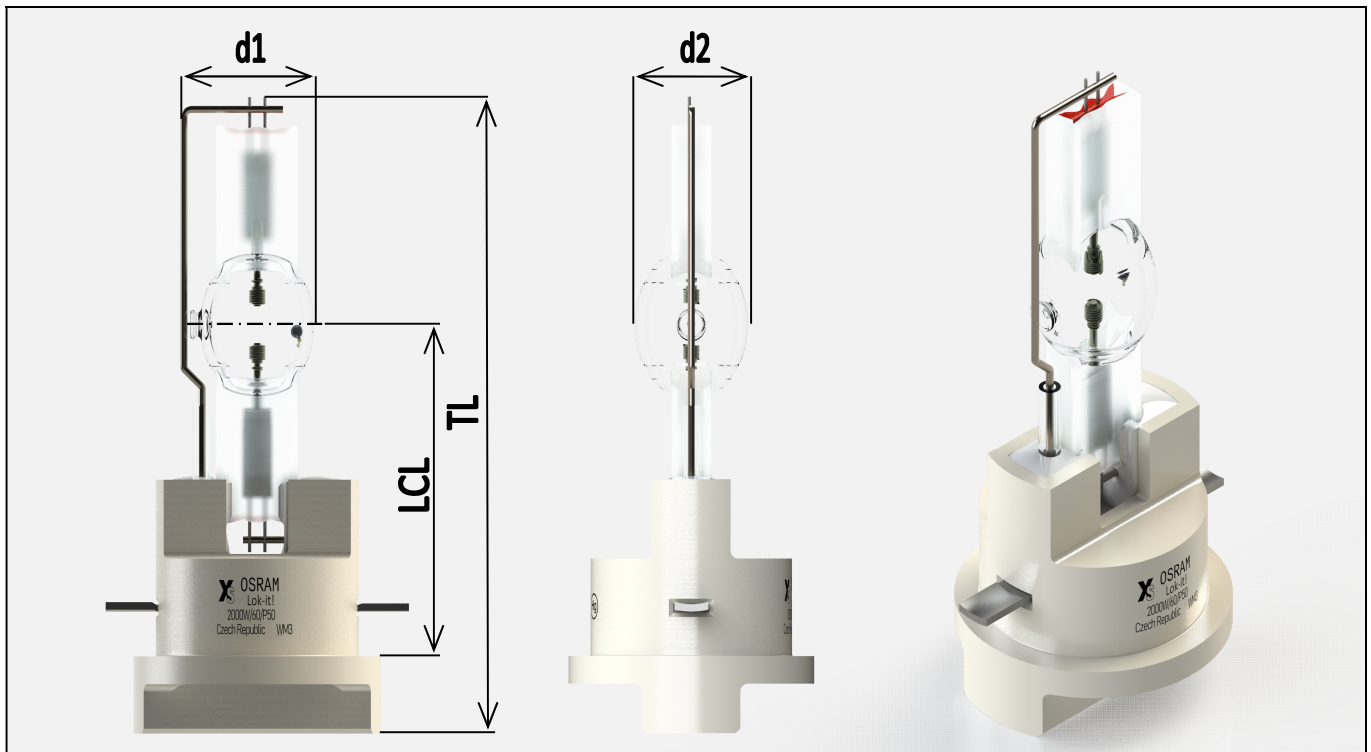




■ Product description

The OSRAM Lok-it!® 2000W/60/P50 is a highly efficient, single-ended short-arc metal halide lamp with 6000 Kelvin colour temperature providing high lumen output due to relative compact arc gap like 7 mm. The Lok-it!® plug'n'play system allows a quick one-touch lamp replacement. It is very compact and hence allows cold start of the lamp only. Featuring OSRAM's XS-Technology, the lamp stands pinch temperatures up to 450°C.



■ Technical data lamp

Order reference	Lok-it!®	2000W/60/P50	Average service life	h	1000
Ignition voltage	kVS	6	Light arc length	mm	7.0
Rated lamp wattage	W	2000	Lamp length (overall) TL	mm	130 max.
Rated lamp voltage	V	107,5	LCL	mm	67±1
Rated lamp current (~)	A	18,6	Bulb diameter d ₁ (incl. current bar)	mm	29 max.
Luminous flux	Lm	165.000	Bulb diameter d ₂	mm	23
Luminous efficacy	lm/W	82,5	Base plate diameter	mm	50
Color temperature	K	6000	Base neck width	mm	41
Color rendering index	Ra	95	Base (pre-focus/bayonet)		PGJX 50 Lok-it!®

* Data are average values if no tolerance is listed

Technical Information

No. 6076

Edition: 11/20

Supersedes: 09/20

Status: released



plug'n'play Metal Halide Lamp

Lok-it!® 2000W/60/P50

■ Lamp operation

Maximum pinch seal temperature allowed	°C	450 / with eXtreme Seal Technology (measured at welding point, for a short term, not complete life time)
Cooling		forced cooling / fan required
Burning position		any

The Lok-it!® 2000W/60/P50 is designed to be operated on electronic power supplies (ECG) only.

Minimum lamp power which can be applied for Lok-it! 2000W/60/P50 is 1600W. Further dimming below 1600W is not recommended and can lead to an instable lamp operation (like e.g. flickering).

■ Manufacturers of igniters and control gear (not all officially approved by OSRAM)

Control gear ECG: Schiederwerk PVG 25-25, PVG 25-27 AC KK, PVG 25-20 AC
CCI SBF2000M10BA YR, SBF2000M10BA YHAC

Cold-igniter ECG: Walter Bauch type 242, Schiederwerk KZG 18-7 E,
CCI IGN60C21