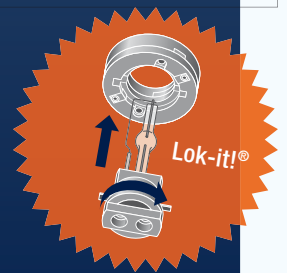




Turn it. Take it. Change it.

OSRAM Lok-it!®. The fastest way of lamp replacement.



PGJX50 Base

PGJX28 Base

SEE THE WORLD IN A NEW LIGHT



Lok-it!®. The fast and the various.

The intelligent Lok-it!® system is an asset to various applications in the entertainment market. Lamps can be replaced easier, faster and safer – also in the field of effect lighting. Thanks to its modularity and versatility, manufacturers can exercise multiple options for the design of luminaires providing lighting designers with multi-functional equipment. The options include varying lamp technologies, light colors and service lives.



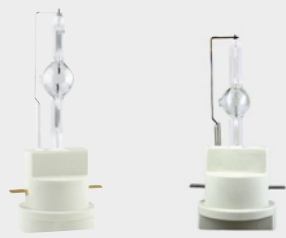


Source: Picture courtesy of Clay Paky

In stage lighting, such as in rock concerts, musicals and TV shows, time always counts. However, luminaires are often hard to reach, making lamp replacement difficult and dangerous for stage workers. OSRAM has the solution: Lok-it!® is a lamp with a reliable bayonet cap and holder system that allows for one-hand lamp replacement within seconds – even

when the lamp is still warm. The compact, modular design accommodates halogen lamps and quartz discharge lamps. Thanks to the eXtreme Seal technology (XS) for discharge lamps, a higher thermal resistance up to 450 °C at the pinch seal is assured.

Lok-it!®. An all-round talent.

The versatile Lok-it!® system allows the application of halogen as well as discharge lamps providing free choice between individual lamp technologies and color temperatures. Lok-it!® lampholders can be easily installed in luminaires and ensure an extremely strong and vibration-proof connection with the lamp base during operation and transportation.

Lamp	Lamp base	Lampholder	
<p>Metal halide lamps</p>  <p>Lok-it!® HTI 1500 W/60/P50</p> <p>Lok-it!® HTI 700 W/75/P50</p>	<p>Lok-it!® lamps with PGJX50d lamp base.</p> <ul style="list-style-type: none"> • Cold strike • eXtreme Seal technology for discharge lamps • Standardized design 		<p>PGJX50 Lok-it!® lampholder.</p> <ul style="list-style-type: none"> • For cold strike up to 5 kV for asymmetric ignition and 10 kV for symmetric ignition • Standardized design • Safe electrical and mechanical contact • Compact construction • UL-recognized
<p>Halogen lamps</p>  <p>Lok-it!® 750 W/115V/32/P50</p> <p>Lok-it!® 780 W/80V/32/P50</p> <p>Lok-it!® 800 W/230V/32/P50</p> <p>Lok-it!® 1200 W/80V/32/P50</p>			

<p>Lok-it!® lamps with PGJX28 lamp base.</p>  <p>Lok-it!® HSD 300 W/80/P28</p> <p>Lok-it!® HTI 700 W/75/P28</p>	<p>Lok-it!® lamps with PGJX28 lamp base.</p> <ul style="list-style-type: none"> • Cold strike • eXtreme Seal technology for discharge lamps • Standardized design 		<p>PGJX28 Lok-it!® lampholder.</p> <ul style="list-style-type: none"> • For cold strike up to 5 kV for asymmetric ignition and 10 kV for symmetric ignition • Standardized design • Safe electrical and mechanical contact • Compact construction • UL recognition pending
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TECHNICAL DATA

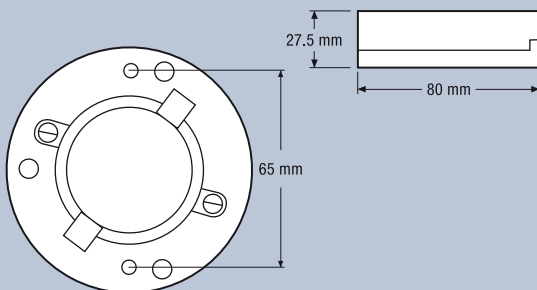
Lok-it!® lamp types



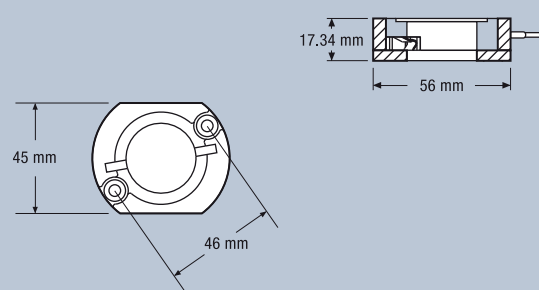
Product name	Rated wattage in W	Average service life in h	Rated voltage in V	Rated current in A	Luminous flux in lm	Color temp. in K	Color rendering index	Arc gap/ filament size (W x H) in mm	LCL in mm (a)	Overall lamp length in mm (l)	Max. outer bulb ²⁾ Ø in mm (d)	Fig. No.
Lok-it!®												
Lok-it!® metal halide lamps												
HSD 300W/80/P28	300	2000	95	3.2	27000	8000	> 85	5	67	122	23	1
HTI 700W/75/P28	700	750	100	10	50000	7500	> 85	4	56	117	23	2
HTI 700W/75/P50	700	750	100	10	50000	7500	> 85	4	65	125	24	3
HTI 1500W/60/P50	1500 ¹⁾	750	100	16	135000	6000	> 90	5	65	128	27	3
Lok-it!® halogen lamps												
750W/115V/32/P50	750	300	115	6.5	19000	3250	100	15.2 x 12.7	79	122.5	18	4
780W/80V/32/P50	780	300	80	9.75	22500	3250	100	11.9 x 12.7	65	108	22	4
800W/230V/32/P50	800	300	230	3.5	20000	3250	100	13.5 x 17.0	79	129.5	18	4
1200W/80V/32/P50	1200	250	80	15	37500	3200	100	14.7 x 14.5	84	129.5	25	4

1) Lamps can be operated between 1200W and 1500W on electronic ballast.
2) Incl. current bar

Lok-it!® PGJX50 lampholder, for cold strike



Lok-it!® PGJX28 lampholder, for cold strike



Product name	Max. rated voltage in V	Max. rated current in A	Max. temperature in °C	Max. ignition voltage in kV (symmetric)	Max. ignition voltage in kV (asymmetric)
Lok-it!® lamp system with bayonet cap – lampholder types					
Lok-it! PGJX50	250	16	350	10	5
Lok-it! PGJX28	250	15	350	10	5

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