

**PHILIPS**

MSR Hot Restrike



**Instant daylight**  
at any time

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# Philips MSR Hot Restrike

Thanks to an optimized color temperature and a high color rendering index, the MSR Hot Restrike creates perfect 'daylight' in any condition. Also, the single ended lamp design enables hot re-ignition, which ensures daylight lighting and superb color rendition is always instantly available. They also incorporate the innovative P3 technology, developed by Philips, which allows use at higher temperatures and therefore extends lifetime and consistency of high-quality light output.



## Philips pinch protection technology\*


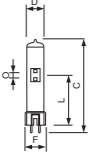

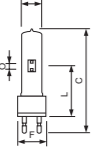

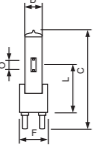

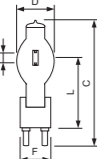
- Reliability, through longer lifetime and fewer early failures.
- Quality, through excellent storage characteristics and consistent performance over time.
- Compactness, allowing more compact design of fixtures and burning positions.

\*For high wattages only

Features	Benefits
Philips Pinch Protection	Enables use at higher temperatures in any burning position. Longer lifetime, fewer early failures, consistent performance over time
MSR filling	Perfect daylight color due to 6000K temperature with excellent color characteristics required for the set
Optimal discharge tubes geometry	No arc movement
High efficacy	High lumen output
Single ended lamp concept	High beam intensity
Hot Restrike capability	Hot re-ignition is possible ensuring the availability of the light at any time

Type	D Max	O Nom	L	C Max	F
MSR 125 HR	17	4	39±1	77	23.5±0.5
MSR 200 HR	20	5	39±1	80	23.5±0.5
MSR 250 HR	23	5	59±1	110	23.5±0.5
MSR 400 HR	23	6	60±1	110	23.5±0.5
MSR 575 HR	30	7	70±1	145	42±1
MSR 1200 HR	40	10	107±1	200	65±2
MSR 2500 HR(/J)	60	14	127±1	240	65±2
MSR 4000 HR(/J)	77	20	142±1	255	65±2

Dimensions in mm

Product	Type	Lamp Wattage (W)	Cap/base	Lumen Output (lm)	Efficacy Source (lm/W)	Chromaticity Coordinate (x)	Chromaticity Coordinate (y)	Color Temp. (K)	Color Rendering Index (Ra)	Average lamp life (hrs)	Minimum Ignition Supply Voltage (V)	Lamp current (A)	Max. permissible pinch temp (°C)	Max. permissible bulb temp (°C)	12NC
 	MSR 125 HR	125	GZX9.5	9400	75	332	326	6000	92	200	207	1.9	350	700	9280 602 05115
	MSR 200 HR	200	GZY9.5	15000	75	323	323	6000	92	200	207	3.3	350	700	9280 979 05115
	MSR 250 HR	250	GZY9.5	20000	80	309	320	6000	90	750	198	2.6	350	650	9281 756 05115
	MSR 400 HR	400	GZZ9.5	32000	80	323	328	6000	92	1000	207	6.9	350	700	9280 502 05115
 	MSR 575 HR	575	G22	49000	85	323	328	6000	90	1000	207	6.95	350	700	9280 977 05115
 	MSR 1200 HR	1200	G38	110000	91	323	328	6000	95	1000	207	13.8	350	700	9281 050 05114
 	MSR 2500 HR	2500	G38	240000	96	323	328	6000	95	500	207	25.6	450	700	9281 049 05114
	MSR 2500 HR/J	2500	G38	228000	91	322	314	6000	90	500	198	25.6	450	700	9281 742 05114
	MSR 4000 HR	4000	G38	380000	95	304	310	6000	91	300	342	27.5	450	700	9280 504 05114
	MSR 4000 HR/J	4000	G38	370000	93	323	318	6000	91	500	342	25	450	700	9281 738 05114

Nominal values measured in horizontal burning position in an integrating sphere on a magnetic ballast.