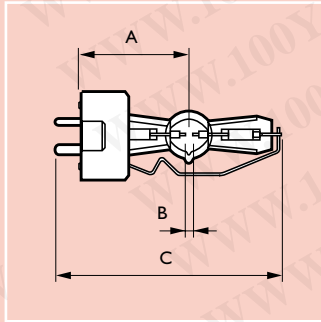


Type	Lamp wattage	Cap/base	Lumen output	Efficacy source	Chromaticity coordinates	Colour rendering index	Colour temp.	Burning position <sup>1)</sup>	Average lamp life	Replacement before hrs	Minimum ignition supply voltage	Lamp current	Ordering number	
	W		lm	lm/W	x	y	R <sub>a</sub>	K	h		V	A		
MSR 400 SA/SE	400	GY9.5	30000	75	.330	.342	75	5600	ANY	750	1000	207	8.40	9281 702 05100
MSR 700 SA/SE	700	GY9.5	55000	80	.330	.342	80	5600	ANY	750	1000	207	11.0	9281 703 05100
MSR 1200 SA/SE	1200	GY22	96000	80	.330	.342	80	6000	ANY	750	1000	207	13.8	9281 709 05100
MSR 2000 SA/SE	2000**	GY22	155000	86	.320	.330	> 80	6000	ANY	750	1000	207	20.0	9281 732 05100

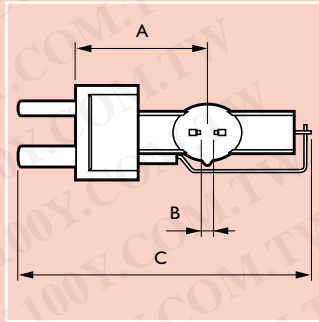
<sup>1)</sup> Tip at side

\*\*Lamp can be operated at 2000 W for max 50% of specified average lifetime

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



MSR 400 SA/SE- / MSR 700 SA/SE

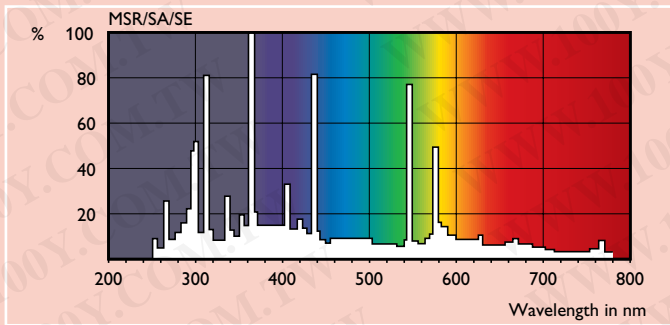


MSR 1200 SA/SE  
MSR 2000 SA/SE

Dimensions in mm

Type	A	B	C max.
MSR 400 SA/SE	36.5 ± 0.5	3.0	80
MSR 700 SA/SE	39.0 ± 0.5	4.0	85
MSR 1200 SA/SE	59.0 ± 0.5	7.0	135
MSR 2000 SA/SE	59.0 ± 1.0	7.0	135

**勝特力材料 886-3-5753170**  
**勝特力电子(上海) 86-21-54151736**  
**勝特力电子(深圳) 86-755-83298787**  
[Http://www.100y.com.tw](http://www.100y.com.tw)



Spectral power distribution

### Ballast specifications

Type of lamp	Impedance Ω	Current A	Ballast losses W
MSR 400 SA/SE		electronic ballast only	
MSR 700 SA/SE		electronic ballast only	
MSR 1200 SA/SE		electronic ballast only	
MSR 2000 SA		electronic ballast only	

### Ignitor Specifications

Type	V <sub>p</sub> (kV)		Min. Ignation time (sec)
	min.	max.	
MSR 400 SA/SE	2	4.5	20
MSR 700 SA/SE	2	4.5	20
MSR 1200 SA/SE	2	5	20
MSR 2000 SA/SE	2.5	5	20

### Maximum permissible temperatures (degr. C)

Type	Pinch	Bulb	Type	ΔV <sub>la</sub> (V)
MSR 400 SA/SE	500	1000	MSR 400 SA/SE	+1V/-3V
MSR 700 SA/SE	500	1000	MSR 700 SA/SE	+1V/-3V
MSR 1200 SA/SE	500	1000	MSR 1200 SA/SE	+1V/-3V
MSR 2000 SA/SE	500	1000	MSR 2000 SA/SE	+1V/-3V