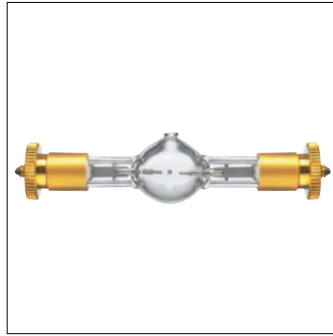


MSR Gold™ SA Double Ended



MSR Gold™ SA(2) DE



MSR Gold™ 575 SA(2) DE

MSR Gold™ SA Double Ended – for extended performance

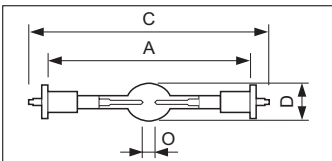
To optimize the total lifetime of the double ended MSR Gold™ SA Double Ended lamps, the caps are plated with gold. This provides superior heat protection and thereby minimizes premature failure of the lamp and lamp holder, as well as ensuring extended consistent performance. In addition, the highly innovative P3 technology, developed by Philips, allows the lamp to be used at higher temperatures, which further extends service life and consistency of high-quality light output.

Product Features

- Philips Pinch Protection
- MSR filling
- Gold plated lamp caps

Product Benefits

- Enables use at higher temperatures in any burning position. Longer lifetime, fewer early failures, consistent performance over time
- Pure, white light; color point close to black body line. Consistent color impression over MSR Range
- Reduces early lamp or lamp holder failures



MSR Gold™ SA/DE

Type	A Min	A Nom	A Max	C Max	D Max	O Nom
MSR Gold™ 575 SA/2 DE	69.6	70	70.4	92	18.5	5.0
MSR Gold™ 700 SA/2 DE	114.4	114.8	115.2	136	19	4.0
MSR Gold™ 1200 SA/DE	114.4	114.8	115.2	136	22	7.0
MSR Gold™ 1200 SA/2 DE	114.4	114.8	115.2	136	22	7.0
MSR Gold™ 1510 SA/DE	114.4	114.8	115.2	136	23	7.0



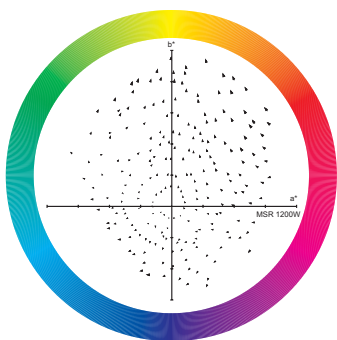
Philips Pinch Protection technology

- **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.

Type	Lamp Wattage (W)	Cap-Base	Lumen output (lm)	Efficacy source (lm/W)	Color Temperature (K)	Color Rendering Index (Ra)	Color Temperature (K)	Operating Position
Philips MSR Gold™ 575 SA/2 DE	575	SFc-11	42000	73	7500	75	750	any
Philips MSR Gold™ 700 SA/2 DE	700	SFC10-4	56000	80	7500	75	750	any
Philips MSR Gold™ 1200 SA/DE	1200	SFC10-4	106000	91	6000	85	750	any
Philips MSR Gold™ 1200 SA/2 DE	1200	SFC10-4	103000	86	7500	85	750	any
Philips MSR Gold™ 1510 SA/DE	1500	SFC10-4	140000	93	6000	85	750	any

Type	Lamp current (A)	Ordering number
Philips MSR Gold™ 575 SA/2 DE	7	9281 751 05114
Philips MSR Gold™ 700 SA/2 DE	11.5	9281 747 05115
Philips MSR Gold™ 1200 SA/DE	13.6	9280 996 05115
Philips MSR Gold™ 1200 SA/2 DE	13.6	9281 753 05115
Philips MSR Gold™ 1510 SA/DE	13.5	9281 766 05115

CRV diagram



MSR 1200W types