



# MSR 2000 SA 1CT

## Product family description

MSR Short Arc – for longer lifeThe lamp's short arc and compact design helps enable a compact luminaire that provides high beam intensity, while the excellent color rendition characteristics help ensure optimal colors on stage. The highly innovative P3 technology, developed by Philips, allows MSR Short Arc lamps to be used at higher temperatures in any burning position. The result? Longer lifetime, fewer early failures and a highly consistent performance throughout the lamp's lifetime.

## Product Features

- Philips Pinch Protection
- Short arc
- Compact lamp design
- MSR filling

## Product Benefits

- Enables use at higher temperatures in any burning position. Longer lifetime, fewer early failures, consistent performance over time
- High beam intensity
- Compact design luminaires
- Excellent color characteristics, optimal colors on stage

## Application

- Entertainment

## Luminaires

- Must only be operated in closed luminaires, because of the high internal working pressure
- Luminaires must block the emitted UV radiation, with no radiation spill through ventilation slots

## System

- Should preferably be operated on power-stabilised electronic ballasts, although magnetic ballasts can also be used

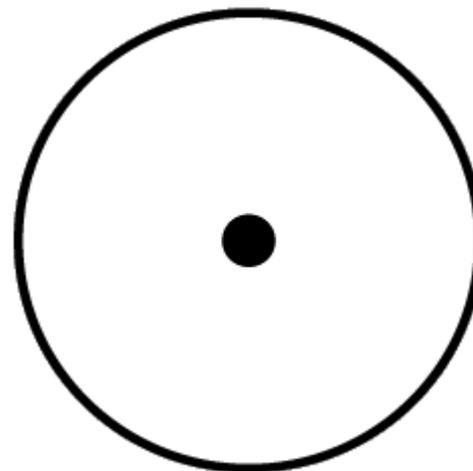
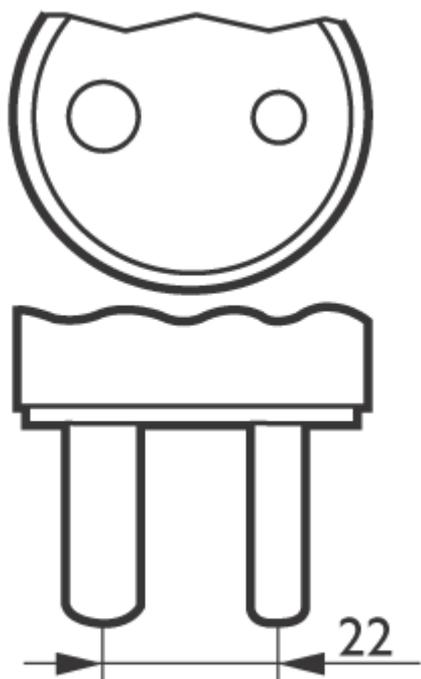
**PHILIPS**

Product data	
Order code	382812
Full product name	MSR 2000 SA ICT
Packing type	1 Carton
Pieces per pack	1
Net weight per piece	0.096 KG
Successor order code	
System Description	Short Arc
Cap-Base	GY22
Cap-Base Information	-
Execution	-
Operating Position	any
Main Application	Studio/Disco
Additional Information	-
Packing Type	ICT [1 Carton]
Packing Configuration	4
Life to 50% failures EM	750 hr
Lamp Wattage	1800W
Technical Type	2000
Lamp Wattage Technical	2000 W
Lamp Current	21.5 A
Color Code	-
Color Rendering Index	89 Ra8
Color Temperature	6000 K
Luminous Flux Lamp EM	174000 Lm
Luminous Efficacy Lamp EM	88 Lm/W



MSR 1200 SA, MSR 2000 SA

**MSR 1200W/1800W Short Arc GY22**



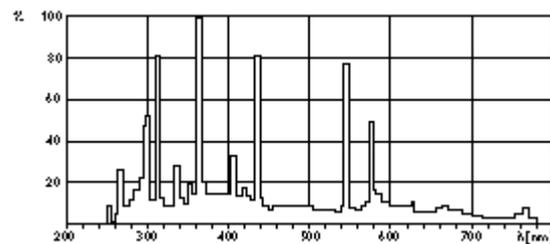
Operating Position any

Cap-Base GY22

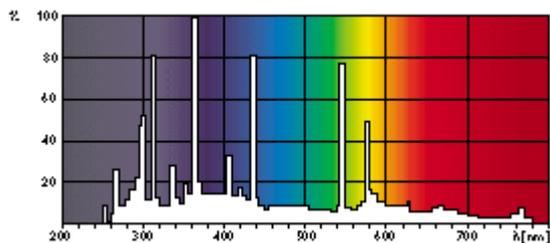


Philips Pinch Protection technology

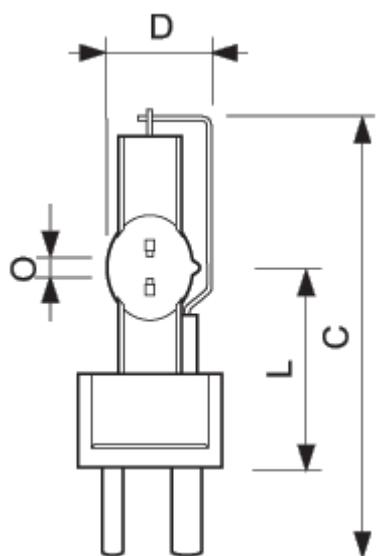
- **Reliability**, through longer lifetime and fewer early failures.
- **Quality**, through excellent storage characteristics and consistent performance over time.
- **Compactness**, allowing more compact design of fixtures and burning positions.



MSR SA



MSR SA



GY22

MSR

	A	A	A	A	A	A
Full product name	Min	Min	Nom	Nom	Max	Max
MSR 2000 SA ICT	-	-	-	-	-	-

	C	C	D	D	D1	D1
Full product name	Max	Max	Max	Max	Nom	Nom
MSR 2000 SA ICT	135	135	34	34	-	-

	F	F	F	F	F	F
Full product name	Min	Min	Nom	Nom	Max	Max
MSR 2000 SA ICT	-	-	-	-	-	-

	L	L	L	L	L	L
Full product name	Min	Min	Nom	Nom	Max	Max
MSR 2000 SA ICT	58	58	59	59	60	60

	O	O
Full product name	Nom	Nom
MSR 2000 SA ICT	7.0	7.0



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