



# MSR Short Arc – for longer life

## MSR Short Arc

The 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.

### Benefits

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

### Features

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

### Application

- Entertainment

### Warnings and Safety

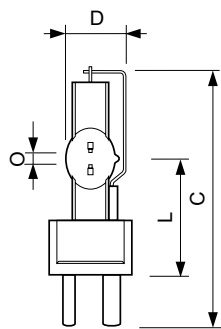
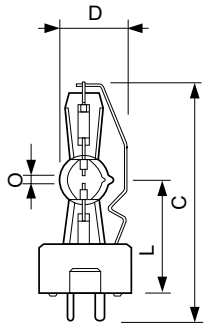
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

# MSR Short Arc

## Versions



## Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
MSR 700 SA 1CT/4	25 mm	4.0 mm	38 mm	40 mm	39 mm	83 mm

Product	D (max)	O	L (min)	L (max)	L	C (max)
MSR 1200 SA 1CT/4	34 mm	7.0 mm	58 mm	60 mm	59 mm	135 mm
MSR 2000 SA 1CT/8	34 mm	7.0 mm	58 mm	60 mm	59 mm	135 mm

### General information

Life To 50% Failures (Nom)	750 h
Main Application	Studio/Disco
Operating Position	UNIVERSAL
System Description	Short Arc

### Light technical

Colour Code	-
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## Controls and dimming

Order Code	Full Product Name	Dimmable
22802800	MSR 700 SA 1CT/4	No

## MSR Short Arc

Order Code	Full Product Name	Dimmable
22125800	MSR 1200 SA 1CT/4	No
91573000	MSR 2000 SA 1CT/8	Yes

### Operating and electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Nom)
22802800	MSR 700 SA 1CT/4	11 A	700 W
22125800	MSR 1200 SA 1CT/4	14 A	1200 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Nom)
91573000	MSR 2000 SA 1CT/8	21.5 A	2000 W

### General information

Order Code	Full Product Name	Cap-Base
22802800	MSR 700 SA 1CT/4	GY9.5
22125800	MSR 1200 SA 1CT/4	GY22

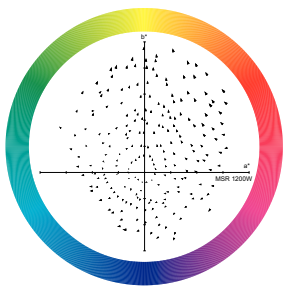
Order Code	Full Product Name	Cap-Base
91573000	MSR 2000 SA 1CT/8	GY22

### Light technical

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Flux (Nom)
22802800	MSR 700 SA 1CT/4	5600 K	80	55000 lm
22125800	MSR 1200 SA 1CT/4	6100 K	65	96000 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Flux (Nom)
91573000	MSR 2000 SA 1CT/8	6000 K	85	174000 lm

### Colour Rendering Diagrams



XDCR\_XDMSR\_1200W-Colour Rendering  
Vector diagram

