



# Product Description

## MSR Short Arc

MSR Short Arc – for longer life The lamp's short arc and compact design helps enable a compact luminaire that provides high beam intensity, while the excellent colour rendition characteristics help ensure optimal colours 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

- High luminous efficacy
- Very compact arc
- Good colour rendering

### Features

- Run-up time max. 2 minutes
- Restrike time 5 - 10 minutes, depending on cooling conditions
- Non-dimmable

### Application

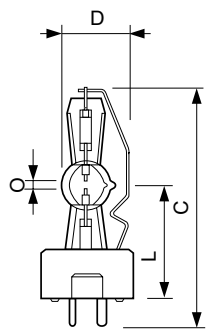
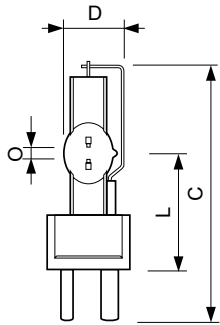
- Entertainment

# MSR Short Arc

## Versions



## Dimensional drawing



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

Product	D (max)	O	L (min)	L (max)	L	C (max)
MSR 400 SA 1CT/40	23.5 mm	3.0 mm	36 mm	37 mm	36.5 mm	80 mm
MSR 700 SA 1CT/4	25 mm	4.0 mm	38 mm	40 mm	39 mm	83 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

## MSR Short Arc

Order Code	Full Product Name	Dimmable
928170205114	MSR 400 SA 1CT/40	no
928170305115	MSR 700 SA 1CT/4	no

Order Code	Full Product Name	Dimmable
928170905115	MSR 1200 SA 1CT/4	no
928173205114	MSR 2000 SA 1CT/8	yes

### Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
928170205114	MSR 400 SA 1CT/40	8.4 A	400 W
928170305115	MSR 700 SA 1CT/4	11 A	700 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
928170905115	MSR 1200 SA 1CT/4	13.8 A	1200 W
928173205114	MSR 2000 SA 1CT/8	21.5 A	2000 W

### General Information

Order Code	Full Product Name	Cap-Base
928170205114	MSR 400 SA 1CT/40	GY9.5
928170305115	MSR 700 SA 1CT/4	GY9.5

Order Code	Full Product Name	Cap-Base
928170905115	MSR 1200 SA 1CT/4	GY22
928173205114	MSR 2000 SA 1CT/8	GY22

### Light Technical

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Flux (Min)	Luminous Flux (Nom)
		(Nom)	(Nom)	(Min)	(Nom)
928170205114	MSR 400 SA 1CT/40	5600 K	75	23500 lm	30000 lm
928170305115	MSR 700 SA 1CT/4	5600 K	80	49500 lm	55000 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Flux (Min)	Luminous Flux (Nom)
		(Nom)	(Nom)	(Min)	(Nom)
928170905115	MSR 1200 SA 1CT/4	6000 K	80	80000 lm	96000 lm
928173205114	MSR 2000 SA 1CT/8	6000 K	89	164000 lm	174000 lm

### Colour Rendering Diagrams

