



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

MSR Short Arc

Versions

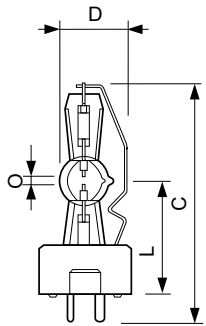


MSR 400 SA, MSR 700 SA

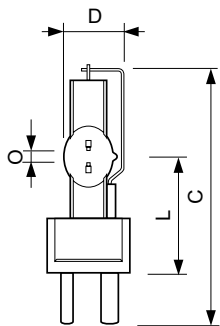


MSR 1200 SA, MSR 2000 SA

Dimensional drawing



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



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

Controls and Dimming

Dimmable	No
----------	----

General Information

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

Light Technical

Color Code	-
------------	---

MSR Short Arc

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
245001	MSR 400 SA 1CT/40	8.4 A	400 W
287128	MSR 700 SA 1CT/4	11 A	700 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
286872	MSR 1200 SA.1CT/4	13.8 A	1200 W

General Information

Order Code	Full Product Name	Cap-Base
245001	MSR 400 SA 1CT/40	GY9.5
287128	MSR 700 SA 1CT/4	GY9.5

Order Code	Full Product Name	Cap-Base
286872	MSR 1200 SA.1CT/4	GY22

Light Technical

Order Code	Full Product Name	Correlated Color		Luminous Flux (Min)	Luminous Flux (Nom)
		Temperature (Nom)	Rendering Index (Nom)		
245001	MSR 400 SA 1CT/40	5600 K	75	23500 lm	30000 lm
287128	MSR 700 SA 1CT/4	5600 K	80	49500 lm	55000 lm

Order Code	Full Product Name	Correlated Color		Luminous Flux (Min)	Luminous Flux (Nom)
		Temperature (Nom)	Rendering Index (Nom)		
286872	MSR 1200 SA.1CT/4	6000 K	80	80000 lm	96000 lm

Colour Rendering Diagrams

