



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

Features

Application

Warnings and Safety

Versions



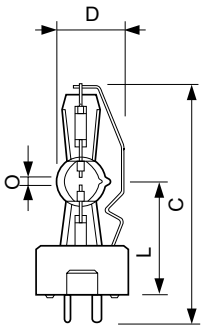
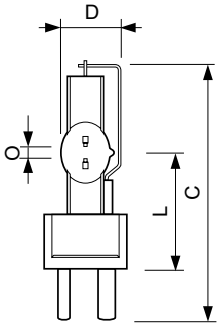
MSR 400 SA, MSR 700 SA



MSR 1200 SA, MSR 2000 SA

MSR Short Arc

Dimensional drawing



Product

MSR 1200 SA 1CT/4

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

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 -

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

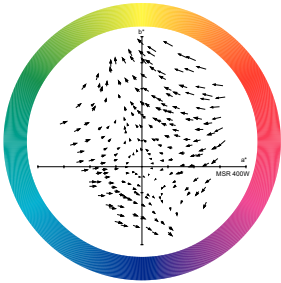
Light Technical

MSR Short Arc

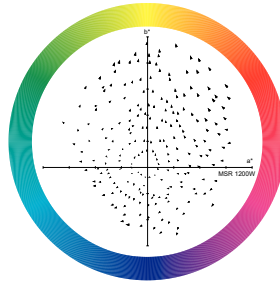
Order Code	Full Product Name	Correlated Color		Luminous Flux (Min)	Luminous Flux (Nom)
		Temperature (Nom)	Rendering Index (Nom)		
245001	MSR 400 SA 1CT/40	5600 K	75	23500 lm	30000 lm
287128	MSR 700 SA 1CT/4	5600 K	80	49500 lm	55000 lm

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



XDCR_XDMSR_400W-Colour Rendering Vector diagram



XDCR_XDMSR_1200W-Colour Rendering Vector diagram

