



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



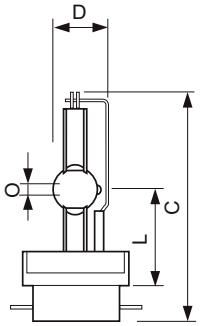
MSR 1200 SA, MSR 2000 SA



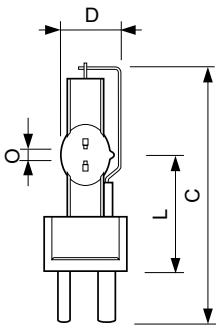
MSR Gold™ 1200 SA/SE

MSR Short Arc

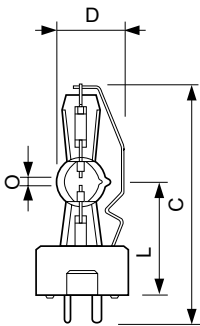
Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
MSR Gold 1200 SA/SE 1CT/3	26.1 mm	5.5 mm	44 mm	46 mm	45 mm	109 mm



Product
MSR 1200 SA 1CT/4
MSR 2000 SA 1CT/8



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

General Information

Life To 50% Failures (Nom)	750 h
Operating Position	Universal

Light Technical

Color Code	-
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Controls and Dimming

Order Code	Full Product Name	Dimmable
287128	MSR 700 SA 1CT/4	No
286872	MSR 1200 SA.1CT/4	No

Order Code	Full Product Name	Dimmable
245415	MSR 2000 SA 1CT/8	Yes
245761	MSR Gold 1200 SA/SE 1CT/3	Yes

Operating and Electrical

MSR Short Arc

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
287128	MSR 700 SA 1CT/4	11 A	700 W
286872	MSR 1200 SA.1CT/4	13.8 A	1200 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
245415	MSR 2000 SA 1CT/8	21.5 A	2000 W
245761	MSR Gold 1200 SA/SE 1CT/3	15 A	1200 W

General Information

Order				System
Code	Full Product Name	Cap-Base	Main Application	Description
287128	MSR 700 SA 1CT/4	GY9.5	Studio/Disco	Short Arc
286872	MSR 1200 SA.1CT/4	GY22	Studio/Disco	Short Arc
245415	MSR 2000 SA 1CT/8	GY22	Studio/Disco	Short Arc

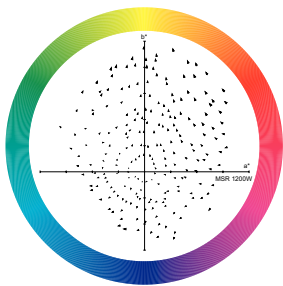
Order				System
Code	Full Product Name	Cap-Base	Main Application	Description
245761	MSR Gold 1200 SA/SE 1CT/3	PGJ50	Entertainment	SA/SE

Light Technical

Order Code	Full Product Name	Correlated			
		Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Min)	Luminous Flux (Nom)
287128	MSR 700 SA 1CT/4	5600 K	80	49500 lm	55000 lm
286872	MSR 1200 SA.1CT/4	6000 K	80	80000 lm	96000 lm

Order Code	Full Product Name	Correlated			
		Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Min)	Luminous Flux (Nom)
245415	MSR 2000 SA 1CT/8	6000 K	89	164000 lm	174000 lm
245761	MSR Gold 1200 SA/SE 1CT/3	6000 K	80	87000 lm	93000 lm

Color Rendering Diagrams



XDCR_XDMSR_1200W-Colour Rendering
Vector diagram

