# **PHILIPS** Lighting



# 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

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

#### Features

- Philips Pinch Protection
- $\cdot$  Short arc
- $\cdot$  Compact lamp design
- $\cdot$  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

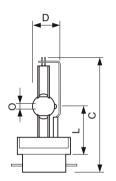


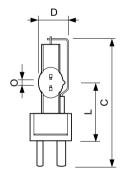


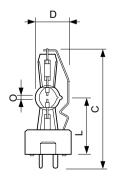
XPPR XDMSR 1200W PGJ50

XPPR\_XDMSR\_GY95-Product photo

## Dimensional drawing







Product	D (max)	0	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	D (max)	0	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

Product	D (max)	0	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 family leaflet, 2024, August 30

# **MSR Short Arc**

General Information	
Operating Position	UNIVERSAL
Light Technical	
Color Code	-

#### **General Information**

Order Code	Full Product Name	Cap-Base
928174605114	MSR Gold 1200 SA/SE 1CT/3	PGJ50
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

		Correlated			
		Color	Color		
	Full Product	Temperature	rendering	Luminous	Luminous
Order Code	Name	(Nom)	index (CRI)	Flux (Min)	Flux
928174605114	MSR Gold	6000 K	80	87,000 lm	93,000 lm
	1200 SA/SE				
	1CT/3				
928170205114	MSR 400 SA	5600 K	75	23,500 lm	30,000 lm
	1CT/40				
928170305115	MSR 700 SA	5600 K	80	-	55,000 lm
	1CT/4				

		Correlated			
		Color	Color		
	Full Product	Temperature	rendering	Luminous	Luminous
Order Code	Name	(Nom)	index (CRI)	Flux (Min)	Flux
928170905115	MSR 1200 SA	6100 K	65	-	93,000 lm
	1CT/4				
928173205114	MSR 2000 SA	6000 K	85	-	174,000 lm
	1CT/8				

#### **Operating and Electrical**

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
928174605114	MSR Gold 1200 SA/SE 1CT/3	15 A	1,200 W
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 Consumption
928170905115	MSR 1200 SA 1CT/4	14 A	1,200 W
928173205114	MSR 2000 SA 1CT/8	21.5 A	2,000 W

#### **Controls and Dimming**

Order Code	Full Product Name	Dimmable	Order Code	Full Product Na
928174605114	MSR Gold 1200 SA/SE 1CT/3	Yes	928170305115	MSR 700 SA 1CT
928170205114	MSR 400 SA 1CT/40	No	928170905115	MSR 1200 SA 10

Order Code	Full Product Name	Dimmable
928170305115	MSR 700 SA 1CT/4	No
928170905115	MSR 1200 SA 1CT/4	No



© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.