

# Lighting

**PHILIPS** 

# **Product Description**

# **MASTER MHN-SA**

Compact quartz metal halide lamps with double-pinch

## Benefits

- Allows compact and very efficient luminaire systems with high precision optics for good beam control and minimal spill light
- Very good colour rendering creates a pleasant ambience with high visual comfort for players and spectators
- Continuous spectral distribution offers a superior solution for (semi-) professional stadiums with regular TV coverage

## Features

- Very compact source (Short Arc) with high luminous efficacy and superior colour rendering
- Double-pinch concept results in long lifetime
- Natural white colour appearance, high colour rendering and good colour stability
- $\cdot$  Daylight colour temperature eases transition from daylight to artificial lighting

# Application

 $\cdot$  Professional sports lighting and floodlighting

## Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- $\cdot$  The luminaire must be able to contain hot lamp parts if the lamp ruptures
- 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.

# **MASTER MHN-SA**

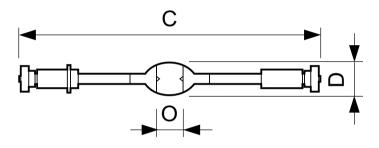
# Versions



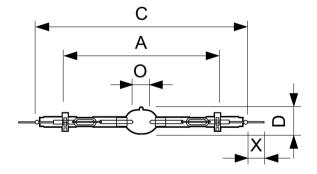
LPPR MHN-SA X830R

LPPR MHN-SA 0001

# Dimensional drawing



Product	D (max)	0	C (max)
MASTER MHN-SA 1800W/956 (P)SFC 230V	41 mm	25 mm	364 mm



Product	D (max)	0	х	А	C (max)
MASTER MHN-SA 1800W/956 230V XW	41 mm	25 mm	25 mm	318 mm	369 mm
UNP/1					

# **MASTER MHN-SA**

General Information	
Operating Position	P15
Light Technical	
Chromaticity Coordinate X (Nom)	330
Chromaticity Coordinate Y (Nom)	339
Color Designation	Daylight
Correlated Color Temperature (Nom)	5600 K
Color rendering index (CRI)	86
Operating and Electrical	
Voltage (Nom)	120 V
Power Consumption	1,800.0 W
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	TD40
Approval and Application	
Energy Consumption kWh/1000 h	1,980 kWh
Mercury (Hg) Content (Nom)	87 mg

#### **General Information**

Order Code	Full Product Name	Cap-Base
928099205130	MASTER MHN-SA 1800W/956 230V XW UNP/1	X830R
928078415130	MASTER MHN-SA 1800W/956 (P)SFC 230V	(P)SFC

#### Light Technical

		Luminous Efficacy (rated)			Luminous Efficacy (rated)
Order Code	Full Product Name	(Nom)	Order Code	Full Product Name	(Nom)
928099205130	MASTER MHN-SA 1800W/956 230V XW	86 lm/W	928078415130	MASTER MHN-SA 1800W/956 (P)SFC	83 lm/W
	UNP/1			230V	



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