



# 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
- Daylight colour temperature eases transition from daylight to artificial lighting

### Application

- Professional sports lighting and floodlighting

### Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- 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

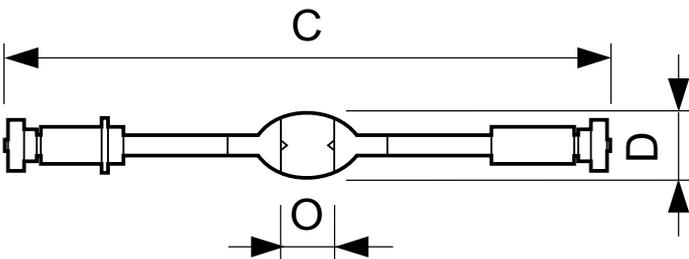
## Versions



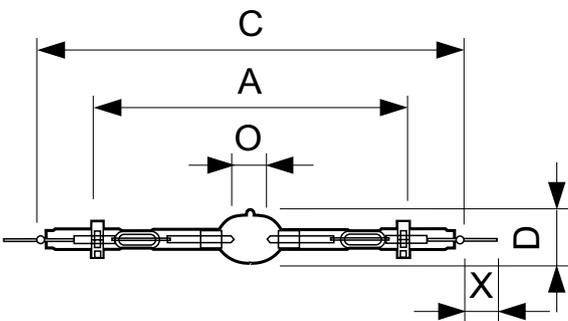
LPPR MHN-SA X830R

LPPR MHN-SA 0001

## Dimensional drawing



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



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

# MASTER MHN-SA

## General Information

Operating Position	P15
<b>Light Technical</b>	
Chromaticity Coordinate X (Nom)	330
Chromaticity Coordinate Y (Nom)	339
Color Designation	Daylight
Correlated Color Temperature (Nom)	5600 K
Color rendering index (CRI)	86
<b>Operating and Electrical</b>	
Voltage (Nom)	120 V
Power Consumption	1,800.0 W
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Finish	Clear
Bulb Shape	TD40
<b>Approval and Application</b>	
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

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

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

