



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 color 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 color rendering
- Double-pinch concept results in long lifetime
- Natural white color appearance, high color rendering and good color stability
- Daylight color 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.

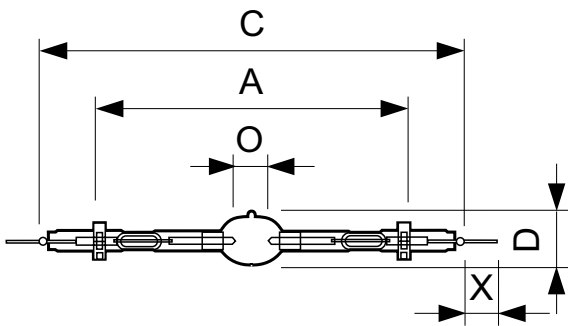
MASTER MHN-SA

Versions



LPPR MHN-SA X830R

Dimensional drawing



Product	D (max)	O	X	A	C (max)
MASTER MHN-SA 2000W/956 400V XW HO UNP/1	41 mm	25 mm	34 mm	226 mm	369 mm
MASTER MHN-SA 2000W/956 400V XW UNP/1	41 mm	25 mm	25 mm	226 mm	369 mm

General Information

Cap-Base X830R

Operating Position P15

Light Technical

Chromaticity Coordinate X (Nom) 330

Color Designation Daylight

Correlated Color Temperature (Nom) 5600 K

Operating and Electrical

Voltage (Nom) 205 V

Power Consumption 2,100 W

Controls and Dimming

Dimmable No

Mechanical and Housing

Bulb Finish Clear

Bulb Shape TD40

Approval and Application

Mercury (Hg) Content (Nom) 215 mg

Light Technical

Order Code	Full Product Name	Chromaticity		
		Coordinate Y (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
928099105129	MASTER MHN-SA 2000W/956 400V XW UNP/1	362	85	95 lm/W
928195105129	MASTER MHN-SA 2000W/956 400V XW HO UNP/1	366	81	108 lm/W

Approval and Application

MASTER MHN-SA

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
928099105129	MASTER MHN-SA 2000W/956 400V XW UNP/1	2,244 kWh

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
928195105129	MASTER MHN-SA 2000W/956 400V XW HO UNP/1	2,305 kWh

