



# Product Description

## MASTER MHN-LA

Compact quartz metal halide lamps with double-pinch

### Benefits

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

### Features

- Compact source (Long Arc) with high luminous efficacy
- 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

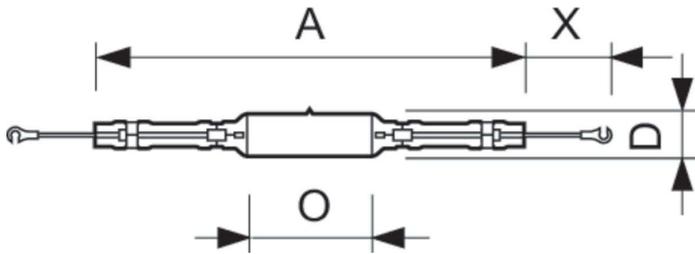
- Professional and semi-professional sports lighting and floodlighting

### 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-LA

## Dimensional drawing



Product	D (max)	O	X	A
MASTER MHN-LA 1000W/842 230V XWH	40 mm	40.5 mm	35 mm	286 mm
MASTER MHN-LA 1000W/956 230V XWH	40 mm	40.5 mm	35 mm	286 mm
MASTER MHN-LA 2000W/842 400V XWH	40 mm	108 mm	58 mm	353 mm
MASTER MHN-LA 2000W/956 400V XWH	40 mm	108 mm	58 mm	353 mm

### General Information

Cap base	X528
Operating position	P5

### Controls and Dimming

Dimmable	No
----------	----

### Mechanical and Housing

Lamp Finish	Clear
Bulb shape	TD40

## Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Colour designation	Correlated Colour Temperature (Nom)	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	370	370	Cool White (CW)	4200 K	72	104 lm/W
928072505130	MASTER MHN-LA 2000W/956 400V XWH	330	339	Daylight	5600 K	82	93 lm/W
928072205130	MASTER MHN-LA 1000W/956 230V XWH	337	331	Daylight	5600 K	80	86.0 lm/W
928073005130	MASTER MHN-LA 1000W/842 230V XWH	366	370	Cool White (CW)	4200 K	70	92.00 lm/W

## Operating and Electrical

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
928071305130	MASTER MHN-LA 2000W/842 400V XWH	235 V	2,050 W
928072505130	MASTER MHN-LA 2000W/956 400V XWH	225 V	2,050 W

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
928072205130	MASTER MHN-LA 1000W/956 230V XWH	125 V	1,040.0 W
928073005130	MASTER MHN-LA 1000W/842 230V XWH	125 V	1,040.0 W

## Approval and Application

## MASTER MHN-LA

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (nom.)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	2,244 kWh	194 mg
928072505130	MASTER MHN-LA 2000W/956 400V XWH	2,244 kWh	140 mg

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (nom.)
928072205130	MASTER MHN-LA 1000W/956 230V XWH	1,144 kWh	95 mg
928073005130	MASTER MHN-LA 1000W/842 230V XWH	1,144 kWh	112 mg

