



# 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

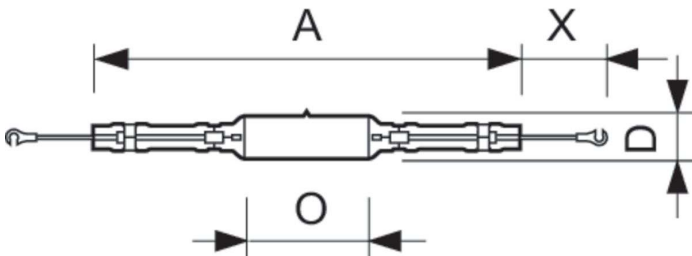
## Versions



LPPR MHN-LA 2000W

LPPR MHN-LA 1000W

## Dimensional drawing



| Product                          | D (max) | O       | X     | A      |
|----------------------------------|---------|---------|-------|--------|
| 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 |

### General Information

Cap-Base X528

Operating Position P5

### Controls and Dimming

Dimmable No

### Mechanical and Housing

Bulb Finish Clear

Bulb Shape TD40

## Light Technical

| Order Code   | Full Product Name                | Chromaticity Coordinate X (Nom) | Chromaticity Coordinate Y (Nom) | Color Designation | Correlated Color Temperature (Nom) | Color rendering index (CRI) | Luminous Efficacy (rated) (Nom) |
|--------------|----------------------------------|---------------------------------|---------------------------------|-------------------|------------------------------------|-----------------------------|---------------------------------|
| 928071305130 | MASTER MHN-LA 2000W/842 400V XWH | 370                             | 370                             | Cool White (CW)   | 4200 K                             | 72                          | 105 lm/W                        |
| 928072205130 | MASTER MHN-LA 1000W/956 230V XWH | 337                             | 331                             | Daylight          | 5600 K                             | 80                          | 86.0 lm/W                       |

## Operating and Electrical

# MASTER MHN-LA

| Order Code   | Full Product Name                   | Voltage (Nom) | Power Consumption |
|--------------|-------------------------------------|---------------|-------------------|
| 928071305130 | MASTER MHN-LA 2000W/842<br>400V XWH | 235 V         | 2,040.0 W         |

| Order Code   | Full Product Name                   | Voltage (Nom) | Power Consumption |
|--------------|-------------------------------------|---------------|-------------------|
| 928072205130 | MASTER MHN-LA 1000W/956<br>230V XWH | 125 V         | 1,040.0 W         |

## Approval and Application

| Order Code   | Full Product Name                   | Energy Consumption<br>kWh/1000 h | Mercury (Hg)<br>Content (Nom) |
|--------------|-------------------------------------|----------------------------------|-------------------------------|
| 928071305130 | MASTER MHN-LA<br>2000W/842 400V XWH | 2244 kWh                         | 194 mg                        |

| Order Code   | Full Product Name                   | Energy Consumption<br>kWh/1000 h | Mercury (Hg)<br>Content (Nom) |
|--------------|-------------------------------------|----------------------------------|-------------------------------|
| 928072205130 | MASTER MHN-LA<br>1000W/956 230V XWH | 1144 kWh                         | 95 mg                         |

