



# **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
- $\cdot$  Natural white colour appearance, high colour rendering and good colour stability
- $\boldsymbol{\cdot}$  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**

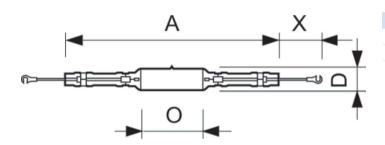
## Versions



LPPR MHN-LA 2000W

LPPR MHN-LA 1000W

# Dimensional drawing



| Product                           | D (max) | 0       | Х     | Α      |
|-----------------------------------|---------|---------|-------|--------|
| MASTER MHN-LA 1000W/842 230V XWH  | 40 mm   | 40.5 mm | 35 mm | 286 mm |
| MASTED MUNITARROUN/842 400V VIVIL | 40 mm   | 100 mm  | 58 mm | 353 mm |

| General Information                |                 |
|------------------------------------|-----------------|
| Cap-Base                           | X528            |
| Operating Position                 | P5              |
|                                    |                 |
| Light Technical                    |                 |
| Chromaticity Coordinate Y (Nom)    | 370             |
| Color Designation                  | Cool White (CW) |
| Correlated Color Temperature (Nom) | 4200 K          |
|                                    |                 |
| Controls and Dimming               |                 |
| Dimmable                           | No              |
|                                    |                 |
| Mechanical and Housing             |                 |
| Bulb Finish                        | Clear           |
| Bulb Shape                         | TD40            |
|                                    |                 |

#### **Light Technical**

|              |                    | Chromaticity       | Color rendering | Luminous Efficacy |
|--------------|--------------------|--------------------|-----------------|-------------------|
| Order Code   | Full Product Name  | Coordinate X (Nom) | index (CRI)     | (rated) (Nom)     |
| 928071305130 | MASTER MHN-LA      | 370                | 72              | 104 lm/W          |
|              | 2000W/842 400V XWH |                    |                 |                   |
| 928073005130 | MASTER MHN-LA      | 366                | 70              | 92.00 lm/W        |
|              | 1000W/842 230V XWH |                    |                 |                   |
|              |                    |                    |                 |                   |

## Operating and Electrical

| Order Code   | Full Product Name       | Voltage (Nom) | Power Consumption |
|--------------|-------------------------|---------------|-------------------|
| 928071305130 | MASTER MHN-LA 2000W/842 | 235 V         | 2,050 W           |
|              | 400V XWH                |               |                   |

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

## **Approval and Application**

## **MASTER MHN-LA**

|              |                    | <b>Energy Consumption</b> | Mercury (Hg)  |
|--------------|--------------------|---------------------------|---------------|
| Order Code   | Full Product Name  | kWh/1000 h                | Content (Nom) |
| 928071305130 | MASTER MHN-LA      | 2,244 kWh                 | 194 mg        |
|              | 2000W/842 400V XWH |                           |               |

|              |                    | <b>Energy Consumption</b> | Mercury (Hg)  |
|--------------|--------------------|---------------------------|---------------|
| Order Code   | Full Product Name  | kWh/1000 h                | Content (Nom) |
| 928073005130 | MASTER MHN-LA      | 1,144 kWh                 | 112 mg        |
|              | 1000W/842 230V XWH |                           |               |



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