



# 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 color 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 color appearance, high color rendering and good color stability
- Daylight color 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

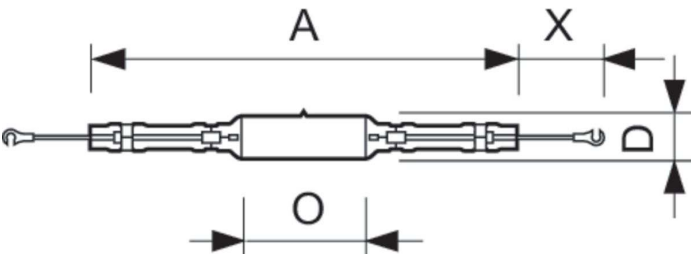
## Versions



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/956 400V XWH | 40 mm   | 108 mm  | 58 mm | 353 mm |

| General Information                |          |
|------------------------------------|----------|
| Cap-Base                           | X528     |
| Operating Position                 | P5       |
| Light Technical                    |          |
| Color Designation                  | Daylight |
| Correlated Color Temperature (Nom) | 5600 K   |
| Controls and Dimming               |          |
| Dimmable                           | No       |
| Mechanical and Housing             |          |
| Bulb Finish                        | Clear    |
| Bulb Shape                         | TD40     |

## Light Technical

| Order Code   | Full Product Name | Chromaticity       | Chromaticity       | Color                 | Luminous               |
|--------------|-------------------|--------------------|--------------------|-----------------------|------------------------|
|              |                   | Coordinate X (Nom) | Coordinate Y (Nom) | rendering index (CRI) | Efficacy (rated) (Nom) |
| 928072505130 | MASTER MHN-LA     | 330                | 339                | 82                    | 93 lm/W                |

| Order Code | Full Product Name | Chromaticity | Chromaticity | Color       | Luminous |
|------------|-------------------|--------------|--------------|-------------|----------|
|            |                   | Coordinate X | Coordinate Y | rendering   | Efficacy |
|            |                   | (Nom)        | (Nom)        | index (CRI) | (rated)  |
|            |                   |              |              |             | (Nom)    |
|            | 2000W/956         |              |              |             |          |
|            | 400V XWH          |              |              |             |          |

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| Order Code   | Full Product Name | Chromaticity | Chromaticity | Color       | Luminous      |
|--------------|-------------------|--------------|--------------|-------------|---------------|
|              |                   | Coordinate X | Coordinate Y | rendering   | Efficacy      |
|              |                   | (Nom)        | (Nom)        | index (CRI) | (rated) (Nom) |
| 928072205130 | MASTER MHN-LA     | 337          | 331          | 80          | 86.0 lm/W     |

| Order Code | Full Product Name | Chromaticity | Chromaticity | Color       | Luminous      |
|------------|-------------------|--------------|--------------|-------------|---------------|
|            |                   | Coordinate X | Coordinate Y | rendering   | Efficacy      |
|            |                   | (Nom)        | (Nom)        | index (CRI) | (rated) (Nom) |
|            | 1000W/956         |              |              |             |               |
|            | 230V XWH          |              |              |             |               |

Operating and Electrical

| Order Code   | Full Product Name       | Voltage (Nom) | Power Consumption |
|--------------|-------------------------|---------------|-------------------|
| 928072505130 | MASTER MHN-LA 2000W/956 | 225 V         | 2,050 W           |
|              | 400V XWH                |               |                   |

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

Approval and Application

| Order Code   | Full Product Name  | Energy Consumption | Mercury (Hg)  |
|--------------|--------------------|--------------------|---------------|
|              |                    | kWh/1000 h         | Content (Nom) |
| 928072505130 | MASTER MHN-LA      | 2,244 kWh          | 140 mg        |
|              | 2000W/956 400V XWH |                    |               |

| Order Code   | Full Product Name  | Energy Consumption | Mercury (Hg)  |
|--------------|--------------------|--------------------|---------------|
|              |                    | kWh/1000 h         | Content (Nom) |
| 928072205130 | MASTER MHN-LA      | 1,144 kWh          | 95 mg         |
|              | 1000W/956 230V XWH |                    |               |

