



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

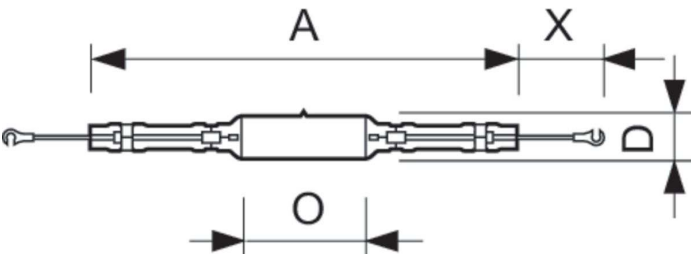
Versions



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 (Nom) | Coordinate Y (Nom) | rendering index (CRI) | Efficacy (rated) (Nom) |
| 928072205130 | MASTER MHN-LA | 337 | 331 | 80 | 86.0 lm/W |

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

Operating and Electrical

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|----------------------------------|---------------|-------------------|
| 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 |

Approval and Application

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

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

