



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.

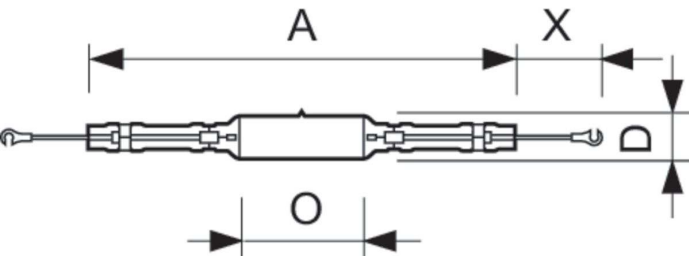
MASTER MHN-LA

Versions



LPPR MHN-LA 2000W

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 | |
| Bulb Finish | Clear |
| Bulb Shape | TD40 |

Light Technical

| Order Code | Full Product Name | Chromaticity | Chromaticity | Correlated Color Temperature (Nom) | Color rendering index (CRI) | Luminous Efficacy (rated) (Nom) |
|------------|----------------------------------|--------------------|--------------------|------------------------------------|-----------------------------|---------------------------------|
| | | Coordinate X (Nom) | Coordinate Y (Nom) | Color Designation | | |
| 20074700 | MASTER MHN-LA 2000W/842 400V XWH | 370 | 370 | Cool White (CW) | 4200 K | 72 |
| 20073000 | MASTER MHN-LA 2000W/956 400V XWH | 330 | 339 | Daylight | 5600 K | 82 |
| 20077800 | MASTER MHN-LA 1000W/956 230V XWH | 337 | 331 | Daylight | 5600 K | 80 |
| 20078500 | MASTER MHN-LA 1000W/842 230V XWH | 366 | 370 | Cool White (CW) | 4200 K | 70 |

MASTER MHN-LA

Operating and Electrical

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|------------|----------------------------------|---------------|-------------------|
| 20074700 | MASTER MHN-LA 2000W/842 400V XWH | 235 V | 2,040.0 W |
| 20073000 | MASTER MHN-LA 2000W/956 400V XWH | 225 V | 2,040.0 W |

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|------------|----------------------------------|---------------|-------------------|
| 20077800 | MASTER MHN-LA 1000W/956 230V XWH | 125 V | 1,040.0 W |
| 20078500 | MASTER MHN-LA 1000W/842 230V XWH | 125 V | 1,040.0 W |

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Nom) |
|------------|----------------------------------|-------------------------------|----------------------------|
| 20074700 | MASTER MHN-LA 2000W/842 400V XWH | 2244 kWh | 194 mg |
| 20073000 | MASTER MHN-LA 2000W/956 400V XWH | 2244 kWh | 140 mg |

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Nom) |
|------------|----------------------------------|-------------------------------|----------------------------|
| 20077800 | MASTER MHN-LA 1000W/956 230V XWH | 1144 kWh | 95 mg |
| 20078500 | MASTER MHN-LA 1000W/842 230V XWH | 1144 kWh | 112 mg |

