



# MASTER MHN-SA

## MASTER MHN-SA 2000W/956 400V XW HO UNP/1

Compact quartz metal halide lamps with double-pinch

### Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- 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.
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### Product data

| General Information                |                                          |
|------------------------------------|------------------------------------------|
| Cap-Base                           | X830R                                    |
| Operating Position                 | P15 [Parallel +/-15D or Horizontal(HOR)] |
| Life to 50% Failures (Nom)         | 5,000 hour(s)                            |
| Light Technical                    |                                          |
| Color Code                         | 956 [CCT of 5600K]                       |
| Color Designation                  | Daylight                                 |
| Chromaticity Coordinate X (Nom)    | 330                                      |
| Chromaticity Coordinate Y (Nom)    | 366                                      |
| Correlated Color Temperature (Nom) | 5600 K                                   |
| Luminous Efficacy (rated) (Nom)    | 108 lm/W                                 |
| Color rendering index (CRI)        | 81                                       |

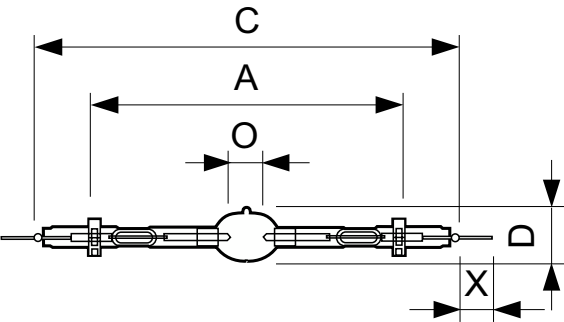
| Arc Length O (Nom)       | 25 mm     |
|--------------------------|-----------|
| Operating and Electrical |           |
| Power Consumption        | 2,095.0 W |
| Voltage (Nom)            | 205 V     |
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| Controls and Dimming     |           |
| Dimmable                 | No        |
| Mechanical and Housing   |           |
| Bulb Finish              | Clear     |

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|                               |                                          |
|-------------------------------|------------------------------------------|
| Bulb Shape                    | TD40                                     |
| Approval and Application      |                                          |
| Mercury (Hg) Content (Nom)    | 215 mg                                   |
| Energy Consumption kWh/1000 h | 2305 kWh                                 |
| Product Data                  |                                          |
| Order product name            | MASTER MHN-SA 2000W/956 400V XW HO UNP/1 |
| Full product name             | MASTER MHN-SA 2000W/956 400V XW HO UNP/1 |

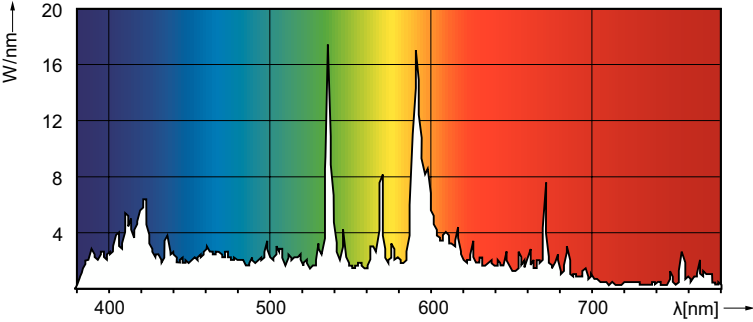
|                                 |                 |
|---------------------------------|-----------------|
| Full product code               | 871829124183600 |
| Order code                      | 928195105129    |
| Material Nr. (12NC)             | 928195105129    |
| Numerator - Quantity Per Pack   | 1               |
| EAN/UPC - Product/Case          | 8718291548423   |
| Numerator - Packs per outer box | 1               |
| EAN/UPC - Case                  | 8718291241836   |

Dimensional drawing



| Product                                  | D (max) | O     | X     | A      | C (max) |
|------------------------------------------|---------|-------|-------|--------|---------|
| MASTER MHN-SA 2000W/956 400V XW HO UNP/1 | 41 mm   | 25 mm | 34 mm | 226 mm | 369 mm  |

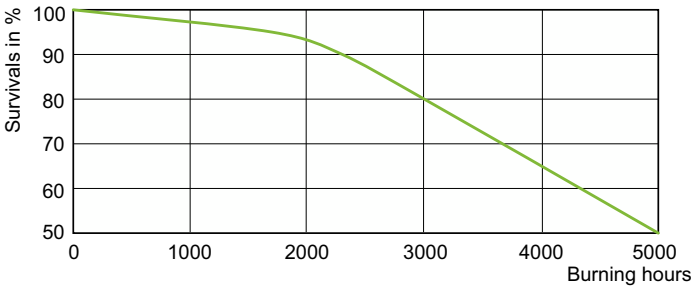
Photometric data



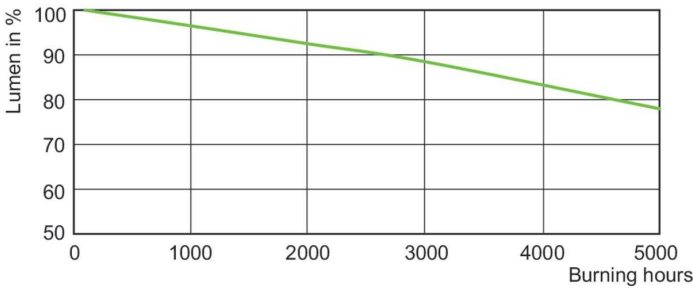
Spectral Power Distribution Colour - MASTER MHN-SA 2000W/956 400V XW HO UNP/1

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Lifetime



Life Expectancy Diagram - MASTER MHN-SA 2000W/956 400V XW HO UNP/1



Lumen Maintenance Diagram - MASTER MHN-SA 2000W/956 400V XW HO UNP/1

