



# MASTER MHN-SA

## MASTER MHN-SA 1800W/956 (P)SFC 230V

Compact quartz metal halide lamps with double-pinch

### 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.

### Product data

| General Information                 |  |
|-------------------------------------|--|
| Cap base                            | (P)SFC                                   |
| Operating position                  | P15 [Parallel +/-15D or Horizontal(HOR)] |
| Life to 50% failures (nom.)         | 6,100 h                                  |
| Light Technical                     |  |
| Colour Code                         | 956 [CCT of 5600K]                       |
| Colour designation                  | Daylight                                 |
| Chromaticity Coordinate X (Nom)     | 330                                      |
| Chromaticity Coordinate Y (Nom)     | 339                                      |
| Correlated Colour Temperature (Nom) | 5600 K                                   |
| Luminous efficacy (rated) (nom.)    | 83 lm/W                                  |
| Colour rendering index (CRI)        | 86                                       |
| Arc Length O (Nom)                  | 25 mm                                    |
| Operating and Electrical            |  |
| Power Consumption                   | 1,800.0 W                                |
| Voltage (nom.)                      | 120 V                                    |

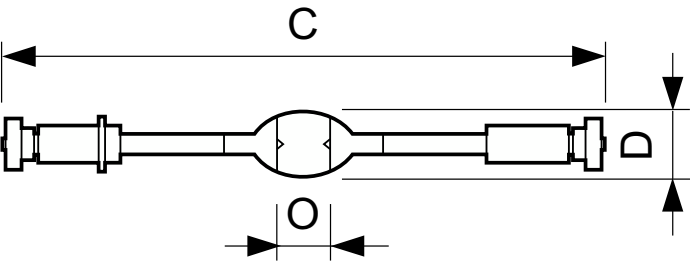
| Controls and Dimming               |                                     |
|------------------------------------|-------------------------------------|
| Dimmable                           | No                                  |
| Mechanical and Housing             |                                     |
| Lamp Finish                        | Clear                               |
| Bulb shape                         | TD40                                |
| Net Weight (Piece)                 | 0.219 kg                            |
| Approval and Application           |                                     |
| Mercury (Hg) content (nom.)        | 87 mg                               |
| Energy consumption kWh/1,000 hours | 1980 kWh                            |
| Product Data                       |                                     |
| Order product name                 | MASTER MHN-SA 1800W/956 (P)SFC 230V |
| Full product name                  | MASTER MHN-SA 1800W/956 (P)SFC 230V |
| Full EOC                           | 871150020075400                     |
| Order code                         | 928078415130                        |
| Material no. (12 NC)               | 928078415130                        |
| Local order code                   | MASTERMHN-SA                        |

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|                                 |               |
|---------------------------------|---------------|
| Numerator – quantity per pack   | 1             |
| EAN/UPC – Product/Case          | 8718291548263 |
| Numerator – packs per outer box | 1             |

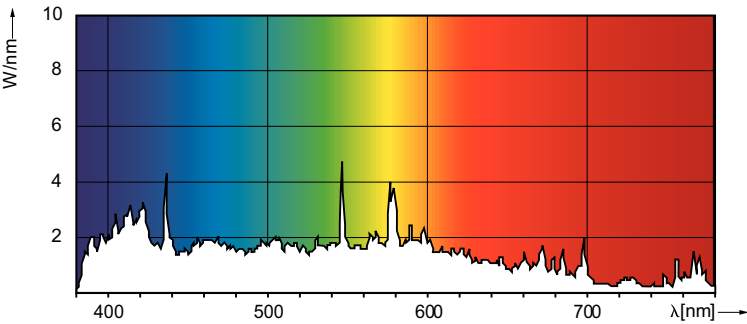
|                |               |
|----------------|---------------|
| EAN/UPC – Case | 8711500200754 |
|----------------|---------------|

Dimensional drawing



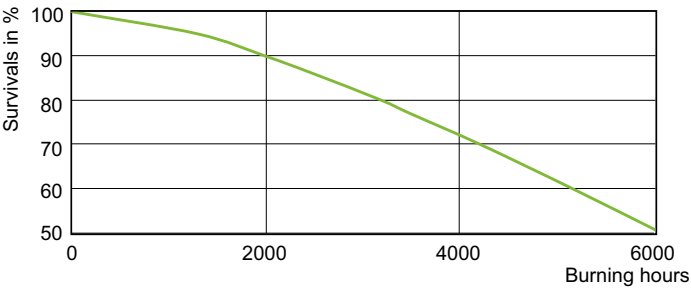
| Product                             | D (max) | O     | C (max) |
|-------------------------------------|---------|-------|---------|
| MASTER MHN-SA 1800W/956 (P)SFC 230V | 41 mm   | 25 mm | 364 mm  |

Photometric data

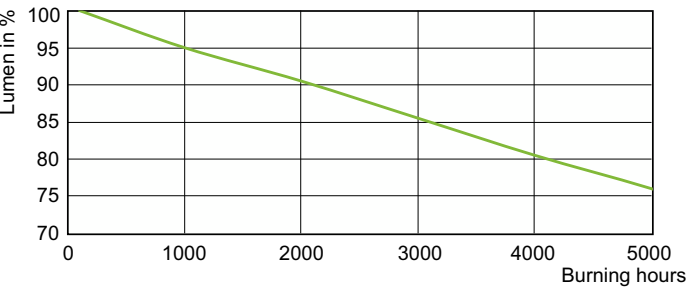


Spectral Power Distribution Colour - MASTER MHN-SA 1800W/956 (P)SFC 230V

Lifetime



LDLE\_MHN-SA\_0004-Life expectancy diagram



Lumen Maintenance Diagram - MASTER MHN-SA 1800W/956 (P)SFC 230V

