



MASTER MHN-SA

MASTER MHN-SA 1800W/956 230V XW

Compact quartz metal halide lamps with double-pin

Product data

• General Characteristics

| | |
|----------------------|--|
| Cap-Base | X830R |
| Cap-Base Information | na [-] |
| Bulb | TD40 [TD 40mm] |
| Bulb Finish | Clear |
| Operating Position | p15 [Parallel +/-15D or Horizontal(HOR)] |
| Life to 5% failures | 1800 hr |
| Life to 10% failures | 2300 hr |
| Life to 20% failures | 3000 hr |
| Life to 50% failures | 5000 hr |

• Light Technical Characteristics

| | |
|-----------------------------|-------------------------|
| Color Code | 956 [CCT of 5600K] |
| Color Rendering Index | 90 Ra8 |
| Color Designation (text) | Daylight |
| Color Temperature | 5600 K |
| Color Temperature Technical | 5600 K |
| Luminous Flux Lamp EM | 155000 Lm |
| Luminous Efficacy Lamp EM | 86 Lm/W |
| Lumen Maintenance 1000h | 92 % |
| Lumen Maintenance 2000h | 80 % |
| Lumen Maintenance 5000h | 60 % |
| Luminance Average EM | 6500 cd/cm ² |
| Chromaticity Coordinate X | 330 - |

Chromaticity Coordinate Y 339 -

• Electrical Characteristics

| | |
|-----------------|----------|
| Lamp Wattage | 1800 W |
| Lamp Wattage EM | 1800.0 W |
| Voltage | 230 V |
| Lamp Voltage | 120 V |
| Lamp Current EM | 17.3 A |
| Dimmable | No |

• Environmental Characteristics

| | |
|----------------------|-------|
| Mercury (Hg) Content | 92 mg |
|----------------------|-------|

• Luminaire Design Requirements

| | |
|-------------------|-------------|
| Pinch Temperature | 300 (max) C |
| Bulb Temperature | 980 (max) C |

• Product Dimensions

| | |
|--------------------------|--------------|
| Base Face to Base Face A | 318 mm |
| Overall Length C | 369 (max) mm |
| Diameter D | 41 (max) mm |
| Arc Length O | 25 mm |
| Cable Length X | 25 mm |

• Product Data

| | |
|-------------------|---------------------------------|
| Order code | 928099205130 |
| Full product code | 928099205130 |
| Full product name | MASTER MHN-SA 1800W/956 230V XW |

PHILIPS

sense and simplicity

MASTER MHN-SA

Order product name MASTER MHN-SA 1800W/956 230V XW
Pieces per pack 1
Packing configuration 1
Packs per outerbox 1
Bar code on pack - EAN1 8718291548294

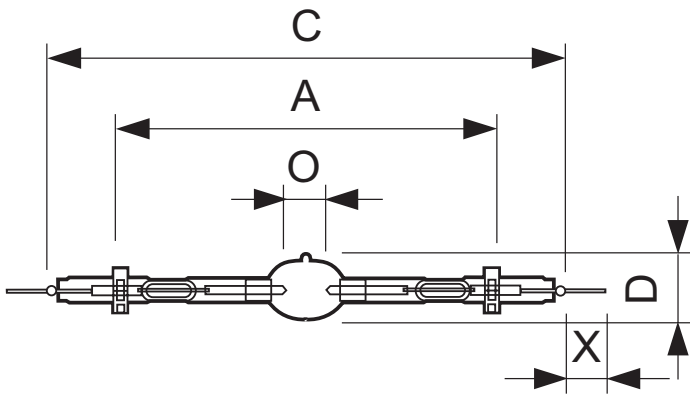
Bar code on outerbox - EAN3 8711500201065
Logistic code(s) - 12NC 928099205130
ILCOS code MN-1800-H-X830R-/H
Net weight per piece 0.110 kg

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

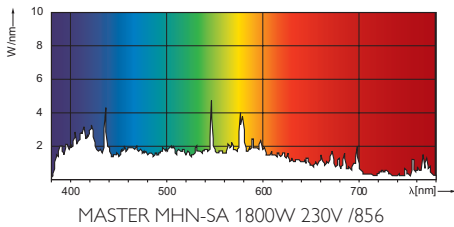
Dimensional drawing



MASTER MHN-SA 1800W/956 230V XW

| Product | A (Norm) | C (Max) | D (Max) | O (Norm) | X (Norm) |
|--------------------------|----------|---------|---------|----------|----------|
| MHN-SA 1800W/956 230V XW | 318 | 369 | 41 | 25 | 25 |

Photometric data





© 2013 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com/lighting

2013, May 9
data subject to change