



MASTER MHN-SA

MASTER MHN-SA 2000W/956 400V XW

Compact quartz metal halide lamps with double-pinch

Benefits

• General Characteristics

Cap-Base	X830R
Cap-Base Information	na [-]
Bulb	TD40 [TD 40mm]
Bulb Finish	Clear
Burning Position	p15 [Parallel +/-15D or Horizontal(HOR)]
Life to 5% failures	1000 hr
Life to 10% failures	1400 hr
Life to 20% failures	2100 hr
Life to 50% failures	3700 hr

• Light Technical Characteristics

Colour Code	956 [CCT of 5600K]
Colour Rendering Index	90 Ra8
Colour Designation	Daylight
Colour Temperature	5600 K
Colour Temperature Technical	5600 K
Lamp Luminous Flux EM	200000 Lm
Lamp Luminous Efficacy EM	98 Lm/W
Lumen Maintenance 1000h	88 %
Lumen Maintenance 2000h	79 %
Lumen Maintenance 5000h	70 %
Average Luminance EM	7500 cd/cm ²
Chromaticity Coordinate X	330 -
Chromaticity Coordinate Y	362 -

• Electrical Characteristics

Lamp Wattage	2000 W
Lamp Wattage EM	2040.0 W
Voltage	400 V
Lamp Voltage	205 V
Lamp Current EM	11.3 A
Dimmable	no

• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	225 mg
Energy consumption kWh/1000h	2244 kWh

• UV-related Characteristics

Specific Eff. Radiant Power	60 mW/klm
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• Luminaire Design Requirements

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

• Product Dimensions

Base Face to Base Face A	226 mm
Overall Length C	369 (max) mm
Diameter D	41 (max) mm
Arc Length O	25 mm
Cable Length X	25 mm

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• Product Data

Order code 928099105129
Full product name MASTER MHN-SA 2000W/956 400V XW
Order product name MASTER MHN-SA 2000W/956 400V XW
Pieces per pack 1
Packing configuration 1

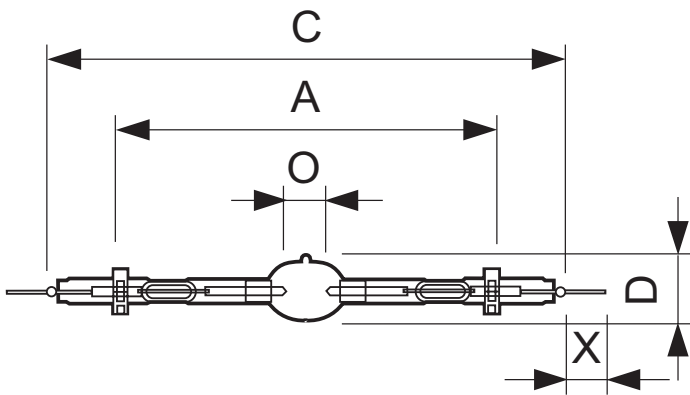
Packs per outerbox 1
Bar code on pack - EAN1 8718291548287
Bar code on outerbox - EAN3 8711500200792
Logistic code(s) - 12NC 928099105129
ILCOS code MN-2000-E-X830R-/H
Net weight per piece 110.000 gr

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

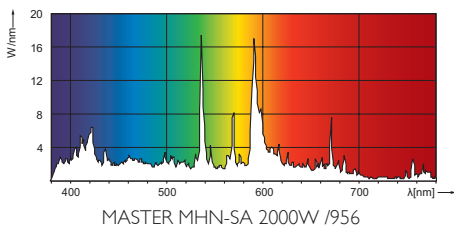
Dimensional drawing



MASTER MHN-SA 2000W/956 400V XW

Product	A (Norm)	C (Max)	D (Max)	O (Norm)	X (Norm)
MHN-SA 2000W/956 400V XW	226	369	41	25	25

Photometric data





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data subject to change