



MASTER MHN-SA

MASTER MHN-SA 2000W/956 400V 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	1000 hr
Life to 10% failures	1400 hr
Life to 20% failures	2100 hr
Life to 50% failures	3700 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	200000 Lm
Luminous Efficacy Lamp EM	98 Lm/W
Lumen Maintenance 1000h	88 %
Lumen Maintenance 2000h	79 %
Lumen Maintenance 5000h	70 %
Luminance Average EM	7500 cd/cm ²
Chromaticity Coordinate X	330 -

Chromaticity Coordinate Y 362 -

• Electrical Characteristics

Lamp Wattage	2000 W
Lamp Wattage EM 25°C, Nominal	2000.0 W
Lamp Wattage EM 25°C, Rated	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

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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

Product Data

Order code	928099105129
Full product code	928099105129
Full product name	MASTER MHN-SA 2000W/956 400V XW

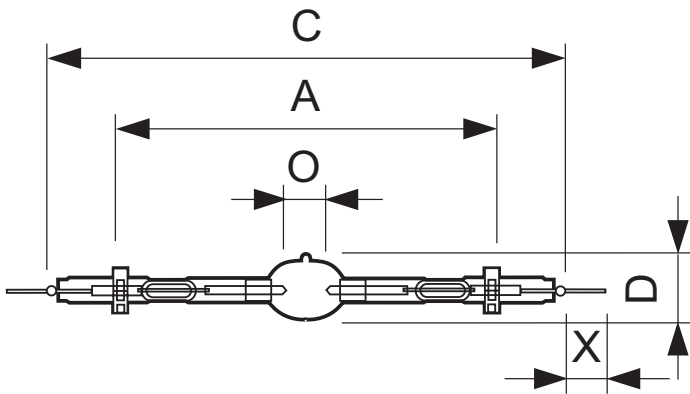
Order product name	MASTER MHN-SA 2000W/956 400V XW
Pieces per pack	1
Packing configuration	1
Packs per outerbox	1
Bar code on pack - EAN1	8718291548287
Bar code on outerbox - EAN3	8711500200792
Logistic code(s) - 12NC	928099105129
ILCOS code	MN-2000-E-X830R-/H
Net weight per piece	110.000 gr

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



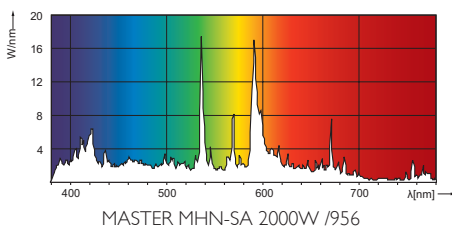
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Product	A (Norm)	C (Max)	D (Max)	O (Norm)	X (Norm)
MHN-SA 2000W/956 400V XW	226	369	41	25	25



X830R

Photometric data





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data subject to change