



# MASTER MHN-SA

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

Compact quartz metal halide lamps with double-pinch

## 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	1700 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	226000 Lm
Luminous Efficacy Lamp EM	108 Lm/W
Lumen Maintenance 1000h	93 %
Lumen Maintenance 2000h	90 %
Luminance Average EM	20000 cd/cm <sup>2</sup>
Chromaticity Coordinate X	330 -
Chromaticity Coordinate Y	366 -

### • Electrical Characteristics

Lamp Wattage	2000 W
Lamp Wattage EM	2095 W
Voltage	400 V
Lamp Voltage	205 V
Lamp Current EM	11.8 A
Dimmable	No

### • Environmental Characteristics

Mercury (Hg) Content	215 mg
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### • UV-related Characteristics

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

Pinch Temperature	350 (max) C
Bulb Temperature	1015 (max) C

### • Product Dimensions

Base Face to Base Face A	226 mm
Overall Length C	369 (max) mm
Diameter D	34.3 (max) mm
Arc Length O	25 mm
Cable Length X	34 mm

### • Product Data

Order code	928195105129
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# MASTER MHN-SA

Full product code 928195105129  
Full product name MASTER MHN-SA 2000W/956 400V  
XW HO  
Order product name MASTER MHN-SA 2000W/956 400V  
XW HO  
Pieces per pack 1  
Packing configuration 1  
Packs per outerbox 1

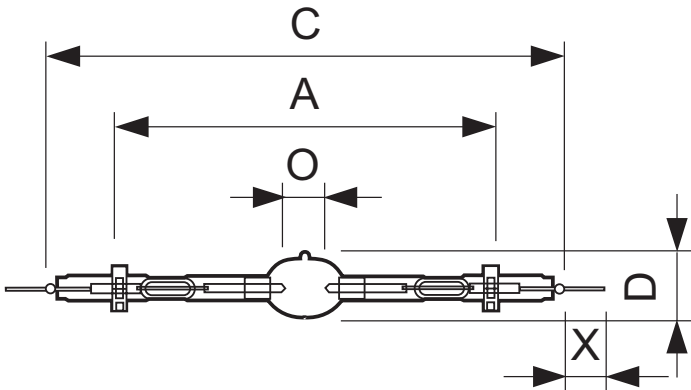
Bar code on pack - 8718291548423  
EAN1  
Bar code on 8718291241836  
outerbox - EAN3  
Logistic code(s) - 928195105129  
12NC  
Net weight per piece 0.090 kg

## 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

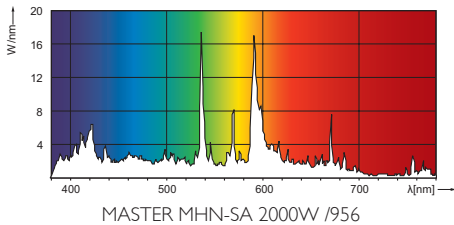
## Dimensional drawing



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

Product	A (Norm)	C (Max)	D (Max)	O (Norm)	X (Norm)
MHN-SA 2000W/956 400V XW HO	226	369	34.3	25	34

## Photometric data





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2013, May 17  
data subject to change