

MASTER MHN-SA

MASTER MHN-SA 2000W/956 400V XW HO UNP/1

Compact quartz metal halide lamps with double-pinch

Product data

• General Information

Cap-Base	X830R [X830R]
Operating Position	P15 [Parallel +/-15D or Horizontal(HOR)]
Life To 5% Failures (Nom)	1700 h
Life To 10% Failures (Nom)	2300 h
Life To 20% Failures (Nom)	3000 h
Life To 50% Failures (Nom)	5000 h

• Light Technical

Colour Code	956 [CCT of 5600K]
Luminous Flux (Rated) (Nom)	226000 lm
Colour Designation	Daylight
Lumen Maintenance 1000 h (Nom)	96.5 %
Lumen Maintenance 2000 h (Nom)	92.5 %
Lumen Maintenance 5000 h (Nom)	78 %
Chromaticity Coordinate X (Nom)	330
Chromaticity Coordinate Y (Nom)	366
Colour Temperature, horizontal (Nom)	5600 K
Luminous Efficacy (rated) (Nom)	108 lm/W
Colour Rendering Index horiz (Nom)	81

• Operating and Electrical

Lamp supply voltage	400 V [400]
Power (Rated) (Nom)	2095.0 W
Lamp Current Run-Up (Max)	17 A
Lamp Current (EM) (Nom)	11.8 A
Ignition Supply Voltage (Min)	360 V
Voltage (Max)	220 V
Voltage (Min)	185 V
Voltage (Nom)	205 V

• Controls and Dimming

Dimmable	No

• Mechanical and Housing

Bulb Finish	Clear (CL)
Cap-Base Information	na [-]

• Approval and Application

Energy Efficiency Label	A+
Mercury (Hg) Content (Nom)	215 mg
Energy Consumption kWh/1000 h	2304 kWh

• UV

Specific Eff. Radiant Power	60 mW/klm

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- Luminaire Design Requirements

Bulb Temperature (Max)	1015 °C
Pinch Temperature (Max)	350 °C

- Product Data

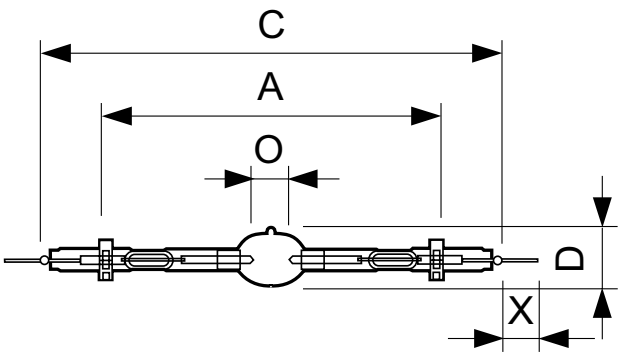
Full product code	871829124183600

Order product name	MASTER MHN-SA 2000W/956 400V XW HO UNP/1
EAN/UPC - Product	8718291548423
Order code	24183600
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	928195105129
Net Weight (Piece)	90.000 g

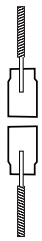
Warnings and Safety

- 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.

Dimensional drawing



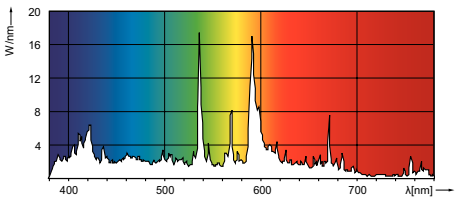
MHN-SA X830R



MHN-SA 2000W/956 400V XW HO

Product	D	O	X	A	C
MASTER MHN-SA 2000W/956 400V XW HO UNP/1	41 mm	25 mm	34 mm	226 mm	369 mm

Photometric data



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