



MASTER MHN-SA

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

Compact quartz metal halide lamps with double-pin

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.

Product data

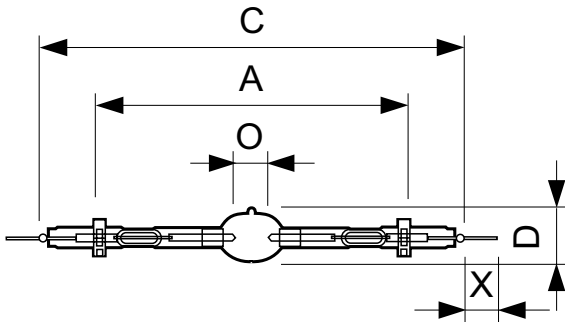
General information		Color Rendering Index (Nom)	
Cap-Base	X830R [X830R]		85
Operating Position	P15 [Parallel +/-15D or Horizontal(HOR)]	Operating and electrical	
Life to 5% Failures (Nom)	1000 h	Lamp supply voltage	400 V [400]
Life To 10% Failures (Nom)	1400 h	Power (Nom)	2040.0 W
Life to 20% Failures (Nom)	2100 h	Lamp Current Run-Up (Max)	17 A
Life to 50% Failures (Nom)	3700 h	Lamp Current (EM) (Nom)	11.3 A
Light technical		Ignition Supply Voltage (Min)	360 V
Color Code	956 [CCT of 5600K]	Voltage (Max)	220 V
Luminous Flux (Rated) (Nom)	200000 lm	Voltage (Min)	185 V
Color Designation	Daylight	Voltage (Nom)	205 V
Lumen Maintenance 1000 h (Nom)	88 %	Controls and dimming	
Lumen Maintenance 2000 h (Nom)	79 %	Dimmable	No
Lumen Maintenance 5000 h (Nom)	70 %	Mechanical and housing	
Chromaticity Coordinate X (Nom)	330	Bulb Finish	Clear
Chromaticity Coordinate Y (Nom)	362	Cap-Base Information	-
Correlated Color Temperature (Nom)	5600 K		
Luminous Efficacy (rated) (Nom)	98 lm/W		

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Bulb Shape	TD40 [TD 40mm]
Approval and application	
Mercury (Hg) Content (Nom)	215 mg
Energy Consumption kWh/1000 h	2244 kWh
UV	
Specific Eff. Radiant Power	60 mW/klm
Luminaire design requirements	
Bulb Temperature (Max)	980 °C
Pinch Temperature (Max)	300 °C
Pinch Temperature (Max)-DUP(do not use)	300 °C
Product data	
Full product code	871150020079200

Order product name	MASTER MHN-SA 2000W/956 400V XW UNP/1
EAN/UPC - Product	8718291548287
Order code	928099105129
Numerator - Quantity Per Pack	1
Local code description	LAMPADA HALETTO METALICO MHN-SA2000W/956
Numerator - Packs per outer box	1
Material Nr. (12NC)	928099105129
Net Weight (Piece)	110.000 g
ILCOS Code	MN-2000-E-X830R-/H

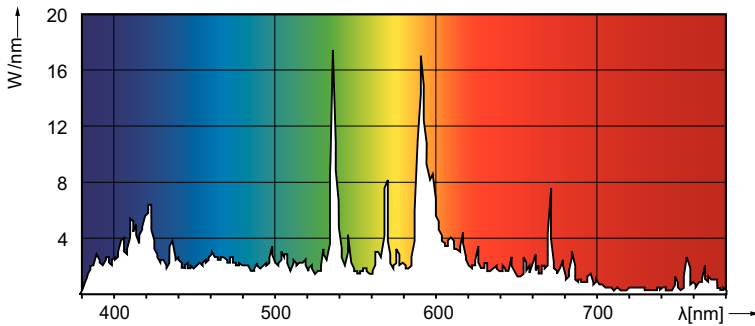
Dimensional drawing



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

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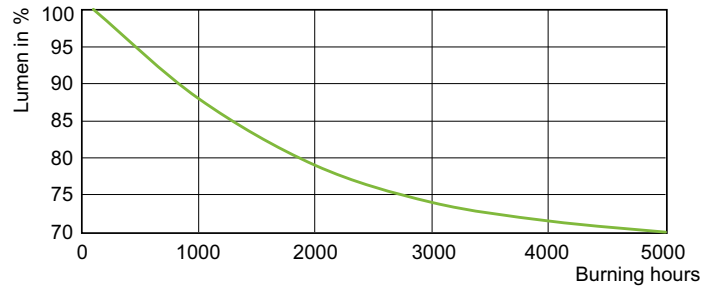
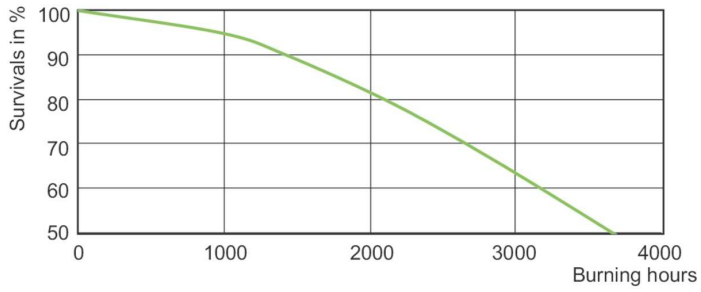
Photometric data



LDPO_MHN-SA_0004-Spectral power distribution Colour

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Lifetime



LDLE_MHN-SA_0002-Life expectancy diagram

LDLM_MHN-SA_0002-Lumen maintenance diagram

