



MASTER MHN-SA

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

Compact quartz metal halide lamps with double-pin

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		
Color Code	956 [CCT of 5600K]	
Luminous Flux (Rated) (Nom)	226000 lm	
Color 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	
Correlated Color Temperature (Nom)	5600 K	
Luminous Efficacy (Rated) (Nom)	108 lm/W	
Color Rendering Index (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	
Cap-Base Information	-	
Approval and Application		
Energy Efficiency Label (EEL)	A+	
Mercury (Hg) Content (Nom)	215 mg	
Energy Consumption kWh/1000 h	2304 kWh	
UV		
Specific Eff. Radiant Power	60 mW/klm	
Luminaire Design Requirements		
Bulb Temperature (Max)	1015 °C	
Pinch Temperature (Max)	350 °C	
Product Data		
Full product code	871829124183600	

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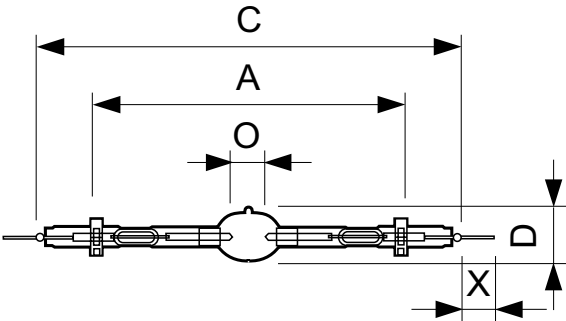
Order product name	MASTER MHN-SA 2000W/956 400V XW HO UNP/1
EAN/UPC - Product	8718291548423
Order code	928195105129
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

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.

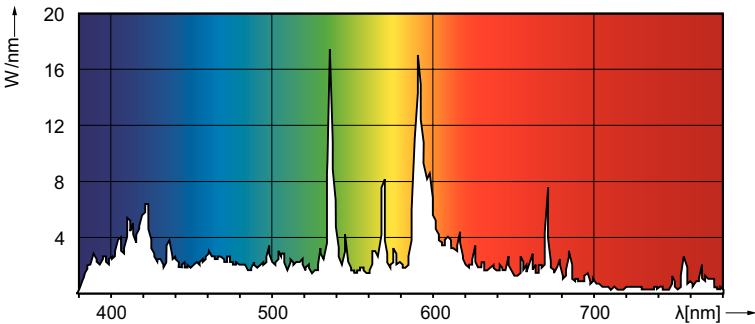
Dimensional drawing



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

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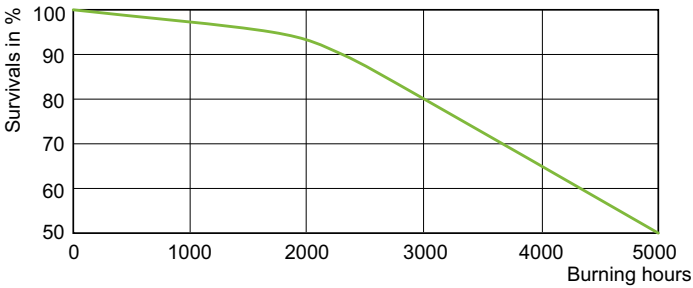
Photometric data



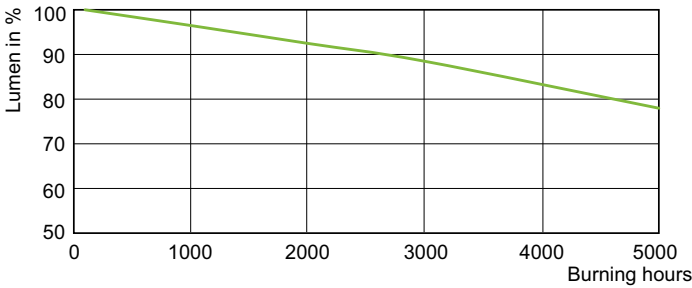
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Lifetime



MHN-SA 2000 W Life Expectancy 400 V XW HO



MHN-SA 2000 W Lumen Maintenance 400 V XW HO

