



# MASTER MHN-SA

## MASTER MHN-SA 1800W/956 230V XW UNP/1

Compact quartz metal halide lamps with double-pin

### Product data

<b>General Information</b>		<b>Lamp Current (EM) (Nom)</b>		17.3 A
Cap-Base	X830R [ X830R]	<b>Ignition Supply Voltage (Min)</b>		198 V
Operating Position	P15 [ Parallel +/-15D or Horizontal(HOR)]	<b>Voltage (Max)</b>		130 V
Life to 5% Failures (Nom)	1800 h	<b>Voltage (Min)</b>		110 V
Life to 10% Failures (Nom)	2300 h	<b>Voltage (Nom)</b>		120 V
Life to 20% Failures (Nom)	3000 h			
Life to 50% Failures (Nom)	5000 h			
<b>Light Technical</b>		<b>Controls and Dimming</b>		
Color Code	956 [ CCT of 5600K]	<b>Dimmable</b>		No
Luminous Flux (Rated) (Nom)	155000 lm	<b>Mechanical and Housing</b>		
Color Designation	Daylight	<b>Bulb Finish</b>		Clear
Lumen Maintenance 1000 h (Nom)	92 %	<b>Cap-Base Information</b>		-
Lumen Maintenance 2000 h (Nom)	80 %	<b>Approval and Application</b>		
Lumen Maintenance 5000 h (Nom)	60 %	<b>Energy Efficiency Label (EEL)</b>		A+
Chromaticity Coordinate X (Nom)	330	<b>Mercury (Hg) Content (Nom)</b>		92 mg
Chromaticity Coordinate Y (Nom)	339	<b>Energy Consumption kWh/1000 h</b>		1980 kWh
Correlated Color Temperature (Nom)	5600 K	<b>Luminaire Design Requirements</b>		
Luminous Efficacy (Rated) (Nom)	86 lm/W	<b>Bulb Temperature (Max)</b>		980 °C
Color Rendering Index (Nom)	86	<b>Pinch Temperature (Max)</b>		300 °C
<b>Operating and Electrical</b>		<b>Product Data</b>		
Lamp supply voltage	230 V [ 230]	<b>Full product code</b>		871150020106500
Power (Rated) (Nom)	1800.0 W	<b>Order product name</b>		MASTER MHN-SA 1800W/956 230V XW UNP/1
Lamp Current Run-Up (Max)	25 A			

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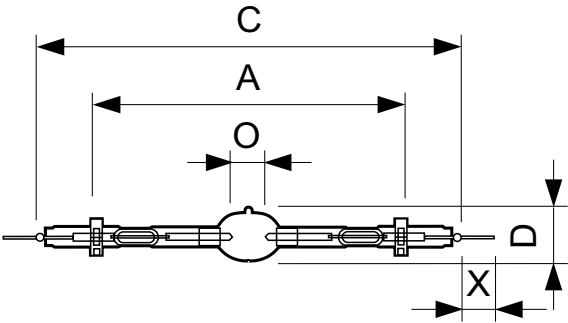
EAN/UPC - Product	8718291548294
Order code	928099205130
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	928099205130

Net Weight (Piece)	110.000 g
ILCOS Code	MN-1800-H-X830R-/H

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.

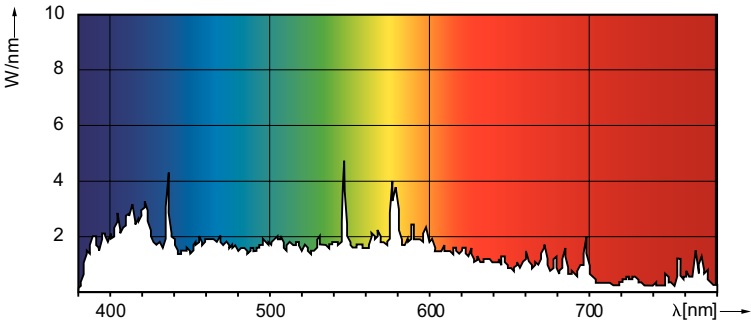
Dimensional drawing



MHN-SA 1800W/956 230V XW

Product	D (max)	O	X	A	C (max)
MASTER MHN-SA 1800W/956 230V XW	41 mm	25 mm	25 mm	318 mm	369 mm
UNP/1					

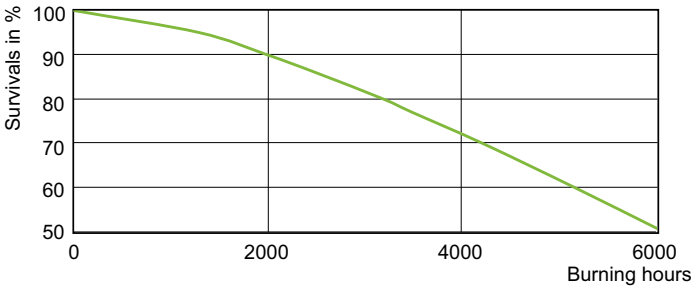
Photometric data



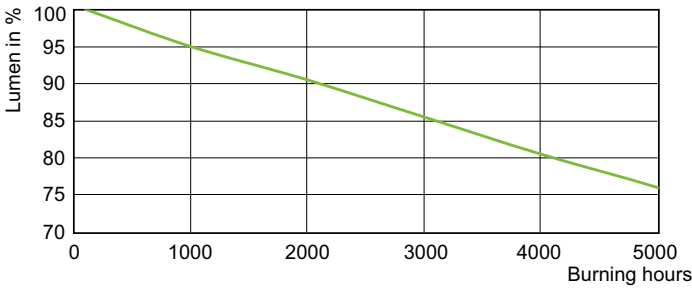
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Lifetime



MHN-SA 1800 W Life Expectancy/956 230 V



MHN-SA 1800 W Lumen Maintenance /956 230 V

