



MASTER MHN-SA

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

Compact quartz metal halide lamps with double-pinch

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

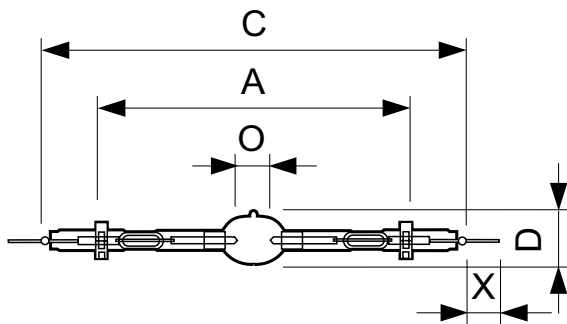
General information		Colour rendering index (nom.)	
Cap base	X830R [X830R]		86
Operating position	P15 [Parallel +/-15D or Horizontal(HOR)]	Operating and electrical	
Life to 5% failures (nom.)	1800 h	Lamp supply voltage	230 V [230]
Life to 10% failures (nom.)	2300 h	Power (Rated) (Nom)	1800.0 W
Life to 20% failures (nom.)	3000 h	Lamp current run-up (max.)	25 A
Life to 50% failures (nom.)	5000 h	Lamp current (EM) (nom.)	17.3 A
Light technical		Ignition supply voltage (min.)	198 V
Colour Code	956 [CCT of 5,600 K]	Voltage (Max)	130 V
Luminous flux (rated) (nom.)	155000 lm	Voltage (Min)	110 V
Colour designation	Daylight	Voltage (Nom)	120 V
Lumen maintenance 1,000 hours (nom.)	92 %	Controls and dimming	
Lumen maintenance 2,000 hours (nom.)	80 %	Dimmable	No
Lumen maintenance 5,000 hours (nom.)	60 %	Mechanical and housing	
Chromaticity coordinate X (nom.)	330	Lamp Finish	Clear
Chromaticity coordinate Y (nom.)	339	Cap-base information	na [-]
Correlated Colour Temperature (Nom)	5600 K		
Luminous efficacy (rated) (nom.)	86 lm/W		

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Bulb shape	TD40 [TD 40mm]
Approval and application	
Mercury (Hg) content (nom.)	92 mg
Energy consumption kWh/1,000 hours	1980 kWh
Luminaire design requirements	
Bulb temperature (max.)	980 °C
Pinch temperature (max.)	300 °C
Product data	
Full product code	871150020106500

Order product name	MASTER MHN-SA 1800W/956 230V XW UNP/1
EAN/UPC – product	8718291548294
Order code	20106500
Local order code	1800MHNSA956R
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	928099205130
Copy Net Weight (Piece)	110.000 g
ILCOS code	MN-1800-H-X830R-/H

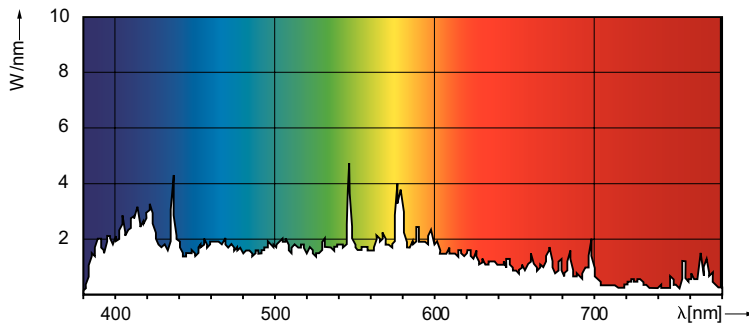
Dimensional drawing



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

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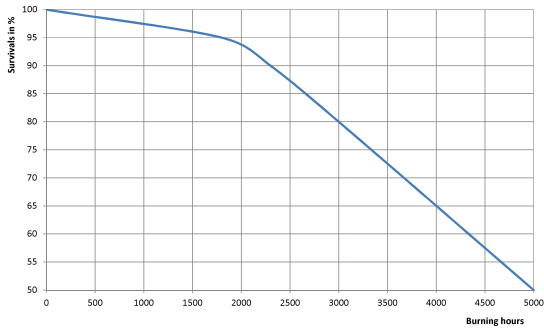
Photometric data



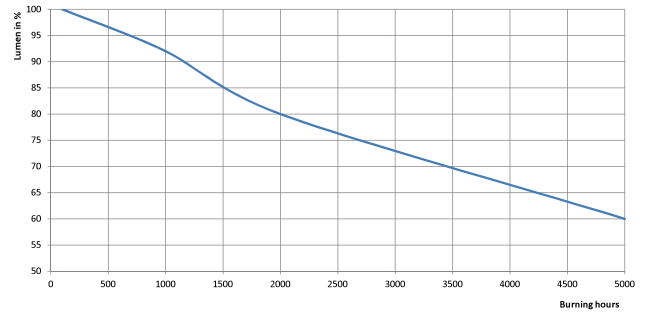
LDPO_MHN-SA_1800W_230V-Spectral power distribution Colour

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Lifetime



MHN SA 1800W 956 Life Expectancy Diagram



MHN SA 1800W 956 Lumen Maintenance Diagram

