

PHILIPS

Lighting



MASTER MHN-SA

MASTER MHN-SA 1800W/956 230V XW 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)	1800 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)	155000 lm
Color Designation	Daylight
Lumen Maintenance 1000 h (Nom)	92 %
Lumen Maintenance 2000 h (Nom)	80 %
Lumen Maintenance 5000 h (Nom)	60 %
Chromaticity Coordinate X (Nom)	330
Chromaticity Coordinate Y (Nom)	339
Correlated Color Temperature (Nom)	5600 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Color Rendering Index (Nom)	86

Operating and Electrical	
Lamp supply voltage	230 V [230]
Power (Rated) (Nom)	1800.0 W
Lamp Current Run-Up (Max)	25 A
Lamp Current (EM) (Nom)	17.3 A

Ignition Supply Voltage (Min)	198 V
Voltage (Max)	130 V
Voltage (Min)	110 V
Voltage (Nom)	120 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)	92 mg
Energy Consumption kWh/1000 h	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	928099205130

MASTER MHN-SA

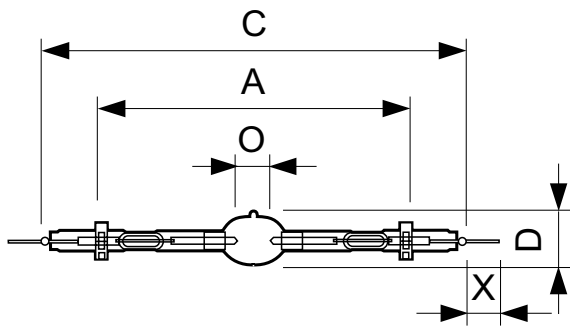
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	928099205130
Net Weight (Piece)	110.000 g

ILCOS Code	MN-1800-H-X830R-/H
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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.

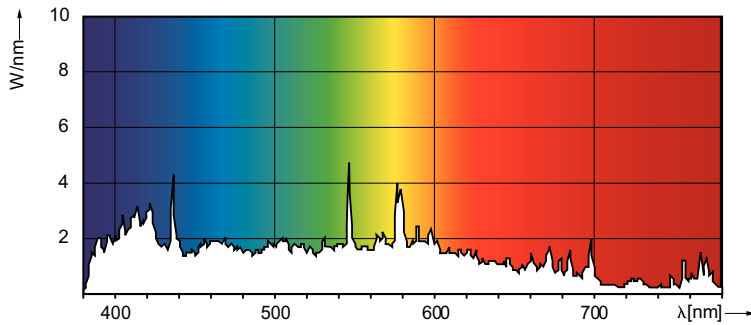
Dimensional drawing



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

MHN-SA 1800W/956 230V XW

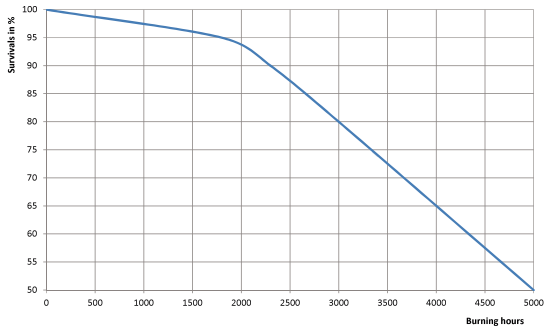
Photometric data



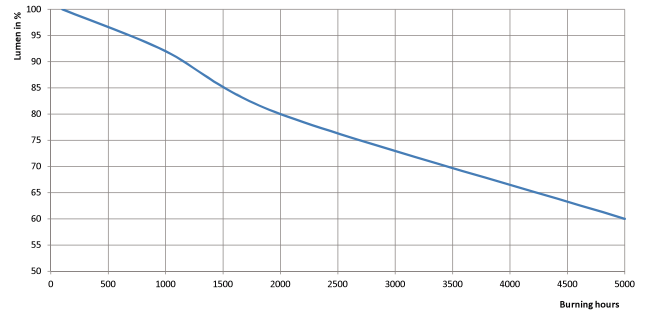
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Lifetime



MHN SA 1800W 956 Life Expectancy Diagram



MHN SA 1800W 956 Lumen Maintenance Diagram

