



MASTER MHN-LA

MASTER MHN-LA 2000W/956 400V XWH

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

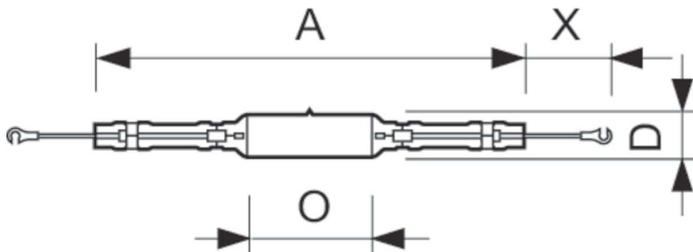
General Information		Correlated Color Temperature (Nom)	
Cap-Base	X528 [X528]		5600 K
Operating Position	P5 [Parallel +/-5D or Horizontal(HOR)]	Luminous Efficacy (rated) (Nom)	93 lm/W
Life to 5% Failures (Nom)	4500 h	Color Rendering Index (Nom)	82
Life To 10% Failures (Nom)	6000 h	Operating and Electrical	
Life to 20% Failures (Nom)	8500 h	Lamp supply voltage	400 V [400]
Life to 50% Failures (Nom)	13000 h	Power (Nom)	2040.0 W
Light Technical		Lamp Current Run-Up (Max)	15 A
Color Code	956 [CCT of 5600K]	Lamp Current (EM) (Nom)	10.3 A
Luminous Flux (Rated) (Min)	170000 lm	Ignition Supply Voltage (Min)	342 V
Luminous Flux (Rated) (Nom)	190000 lm	Voltage (Max)	235 V
Color Designation	Daylight	Voltage (Min)	210 V
Lumen Maintenance 1000 h (Nom)	94 %	Voltage (Nom)	225 V
Lumen Maintenance 10000 h (Nom)	63 %	Controls and Dimming	
Lumen Maintenance 2000 h (Nom)	89 %	Dimmable	No
Lumen Maintenance 5000 h (Nom)	76 %	Mechanical and Housing	
Chromaticity Coordinate X (Nom)	330	Bulb Finish	Clear
Chromaticity Coordinate Y (Nom)	339		

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Cap-Base Information	Cable
Approval and Application	
Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	130 mg
Energy Consumption kWh/1000 h	2244 kWh
UV	
Specific Eff. Radiant Power	370 mW/klm
Luminaire Design Requirements	
Bulb Temperature (Max)	920 °C
Pinch Temperature (Max)	350 °C

Product Data	
Full product code	871150020073000
Order product name	MASTER MHN-LA 2000W/956 400V XWH
EAN/UPC - Product	8718291548225
Order code	928072505130
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	928072505130
Net Weight (Piece)	0.176 kg
ILCOS Code	MN-2000-E-K-/H

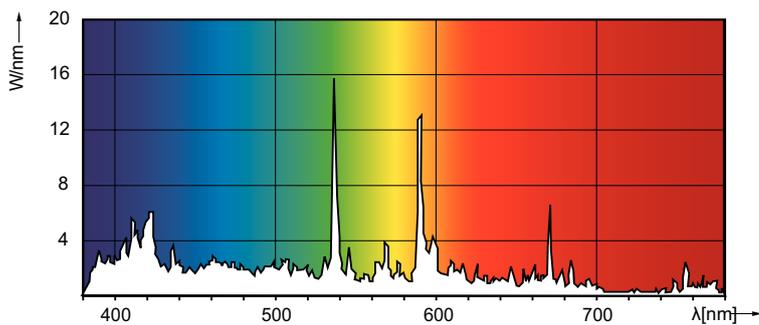
Dimensional drawing



Product	D (max)	O	X	A
MASTER MHN-LA 2000W/956 400V XWH	40 mm	108 mm	58 mm	353 mm

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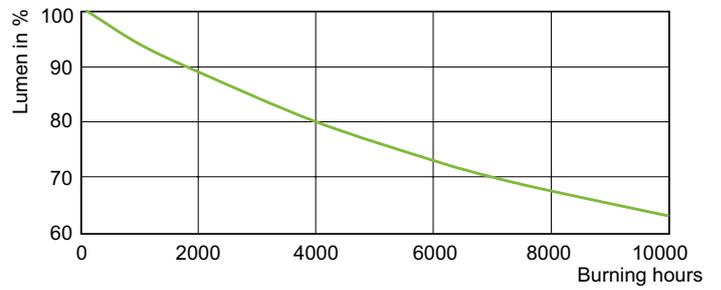
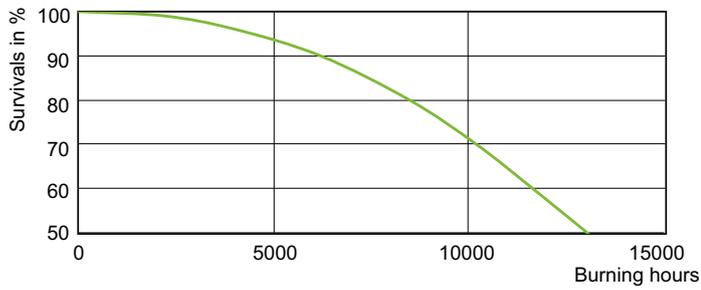
Photometric data



LDPO_MHN-LA_0004-Spectral power distribution Colour

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Lifetime



LDLE_MHN-LA_0002-Life expectancy diagram

LDLM_MHN-LA_0002-Lumen maintenance diagram

