



# MASTER MHN-LA

## MASTER MHN-LA 2000W/956 400V XWH

Compact quartz metal halide lamps with double-pinch

### Product data

General Information	
Cap-Base	X528 [ X528]
Operating Position	P5 [ Parallel +/-5D or Horizontal(HOR)]
Life to 5% Failures (Nom)	4500 h
Life To 10% Failures (Nom)	6000 h
Life to 20% Failures (Nom)	8500 h
Life to 50% Failures (Nom)	13000 h

Light Technical	
Color Code	956 [ CCT of 5600K]
Luminous Flux (Rated) (Min)	170000 lm
Luminous Flux (Rated) (Nom)	190000 lm
Color Designation	Daylight
Lumen Maintenance 1000 h (Nom)	94 %
Lumen Maintenance 10000 h (Nom)	63 %
Lumen Maintenance 2000 h (Nom)	89 %
Lumen Maintenance 5000 h (Nom)	76 %
Chromaticity Coordinate X (Nom)	330
Chromaticity Coordinate Y (Nom)	339
Correlated Color Temperature (Nom)	5600 K
Luminous Efficacy (rated) (Nom)	93 lm/W
Color Rendering Index (Nom)	82

Operating and Electrical	
Lamp supply voltage	400 V [ 400]
Power (Nom)	2040.0 W

Lamp Current Run-Up (Max)	15 A
Lamp Current (EM) (Nom)	10.3 A
Ignition Supply Voltage (Min)	342 V
Voltage (Max)	235 V
Voltage (Min)	210 V
Voltage (Nom)	225 V

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Clear
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

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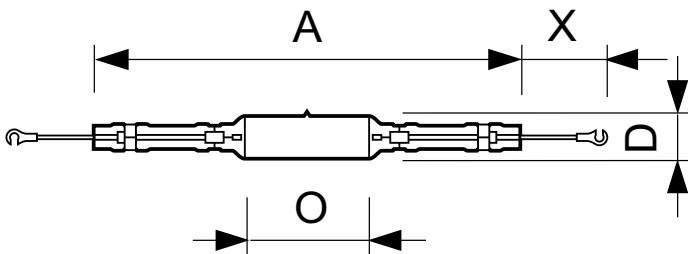
## Product Data

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

## Warnings and Safety

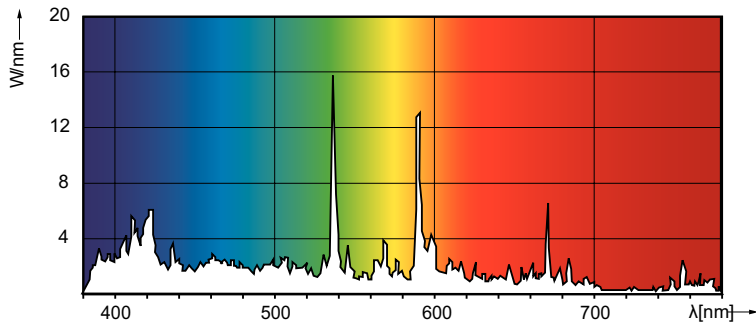
## Dimensional drawing



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

MHN-LA 2000W/956 400V XWH

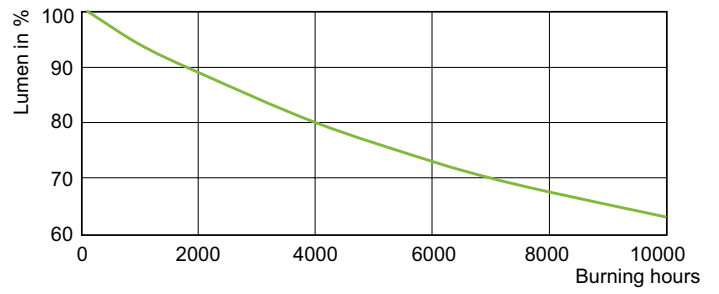
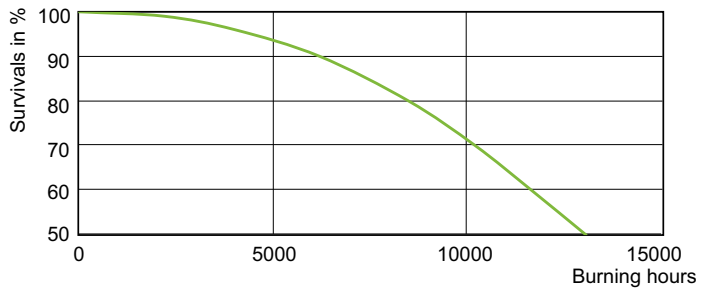
## Photometric data



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

