



# MASTER MHN-LA

## MASTER MHN-LA 1000W/956 230V 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	
Cap base	X528 [ X528]
Operating position	P5 [ Parallel +/-5D or Horizontal(HOR)]
Life to 5% failures (nom.)	6000 h
Life to 10% failures (nom.)	8000 h
Life to 20% failures (nom.)	10000 h
Life to 50% failures (nom.)	15000 h
Light Technical	
Colour Code	956 [ CCT of 5,600 K]
Luminous flux (rated) (min.)	82000 lm
Luminous flux (rated) (nom.)	87000 lm
Colour designation	Daylight
Lumen maintenance 1,000 hours (nom.)	90 %
Lumen maintenance 2,000 hours (nom.)	80 %
Chromaticity coordinate X (nom.)	337
Chromaticity coordinate Y (nom.)	331
Correlated Colour Temperature (Nom)	5600 K
Luminous efficacy (rated) (nom.)	86.0 lm/W

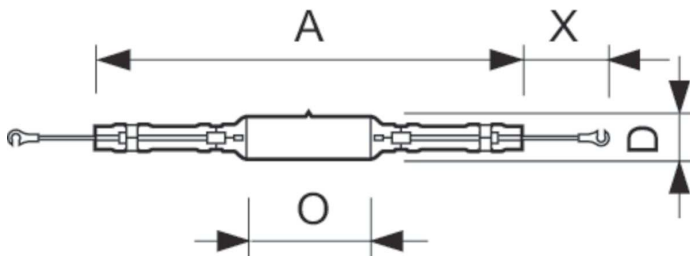
Colour rendering index (nom.)	80
Operating and Electrical	
Lamp supply voltage	230 V [ 230]
Power (Rated) (Nom)	1040.0 W
Lamp current run-up (max.)	15 A
Lamp current (EM) (nom.)	9.3 A
Ignition supply voltage (min.)	198 V
Voltage (Max)	140 V
Voltage (Min)	110 V
Voltage (Nom)	125 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Cap-base information	Cable (C)

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Bulb shape	TD40 [ TD 40mm]
<b>Approval and Application</b>	
Mercury (Hg) content (nom.)	95 mg
Energy consumption kWh/1,000 hours	1144 kWh
<b>UV</b>	
Specific eff. radiant power	270 mW/klm
<b>Luminaire Design Requirements</b>	
Bulb temperature (max.)	920 °C
Pinch temperature (max.)	350 °C

<b>Product Data</b>	
Full product code	871150020077800
Order product name	MASTER MHN-LA 1000W/956 230V XWH
EAN/UPC – product	8718291548218
Order code	20077800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	928072205130
SAP net weight (piece)	132.000 g
ILCOS code	MN-1000-E-K-/H

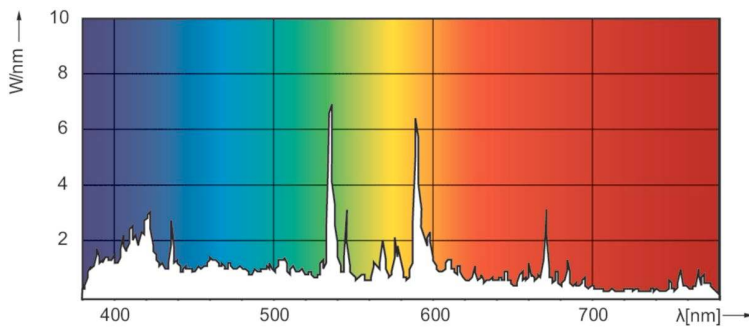
## Dimensional drawing



Product	D (max)	O	X	A
MASTER MHN-LA 1000W/956 230V XWH	40 mm	40.5 mm	35 mm	286 mm

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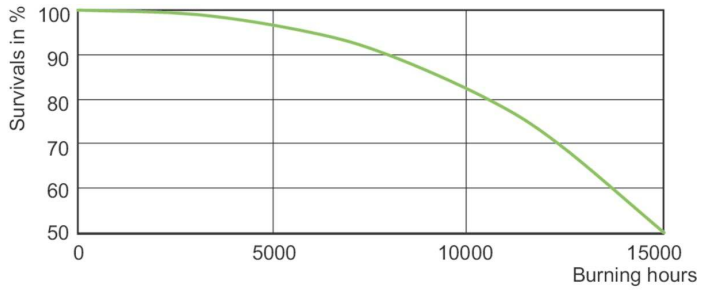
## Photometric data



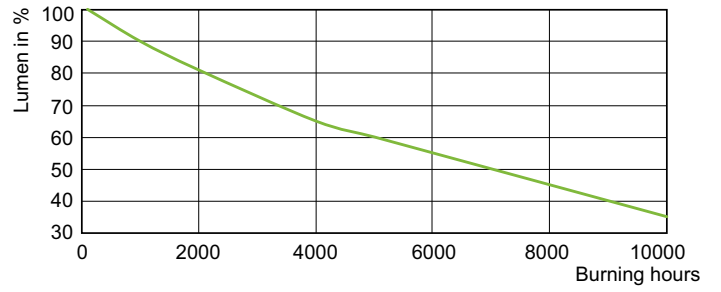
LDPO\_MHN-LA\_0003-Spectral power distribution Colour

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## Lifetime



LDLE\_MHN-LA\_0001-Life expectancy diagram



LDLM\_MHN-LA\_0001-Lumen maintenance diagram

