



MASTER MHN-LA

MASTER MHN-LA 2000W/956 400V XWH

Compact quartz metal halide lamps with double-pin

Product data

General Information	
Cap base	X528 [X528]
Burning 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	
Colour Code	956 [CCT of 5,600 K]
Lamp Luminous Flux (Min)	170000 lm
Lamp Luminous Flux (Nom)	190000 lm
Colour Designation	Daylight
Lumen maintenance 1,000 hours (nom.)	94 %
Lumen maintenance 10,000 hours (nom.)	63 %
Lumen maintenance 2,000 hours (nom.)	89 %
Lumen maintenance 5,000 hours (nom.)	76 %
Chromaticity coordinate X (nom.)	330
Chromaticity coordinate Y (nom.)	339
Colour Temperature, horizontal (Nom)	5600 K
Lamp Luminous Efficacy EM (Nom)	93 lm/W
Colour Rendering Index,horiz (Nom)	82
Operating and Electrical	
Lamp supply voltage	400 V [400]
Power (Rated) (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 (C)

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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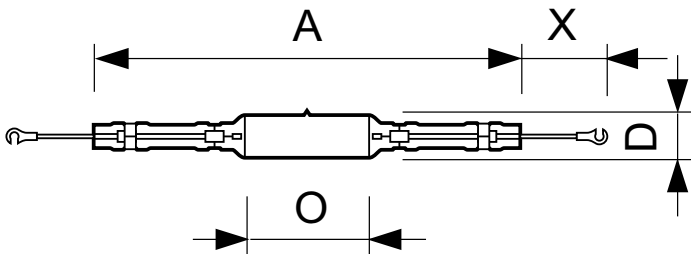
Product Data

Full product code	871150020073000
Order product name	MASTER MHN-LA 2000W/956 400V XWH
EAN/UPC – product	8718291548225
Order code	928072505130
Local Code	MHNLA2000W400V
Numerator – quantity per pack	1

Numerator – packs per outer box	1
Material no. (12NC)	928072505130
Net weight (piece)	0.176 kg
ILCOS Code	MN-2000-E-K-/H

Warnings and Safety

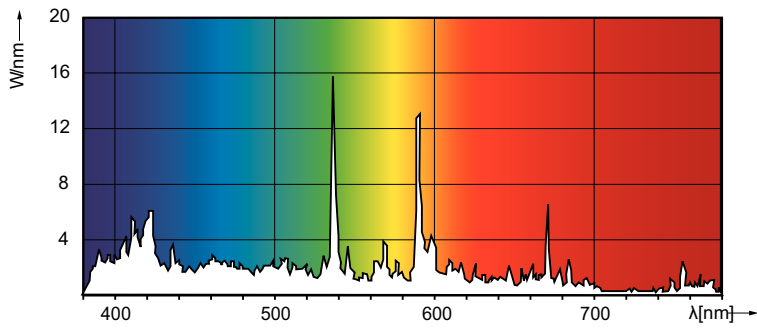
Dimensional drawing



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

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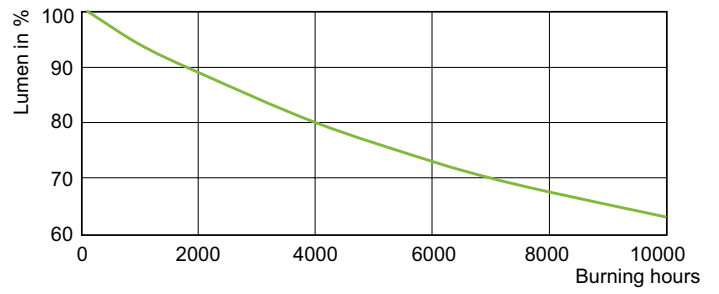
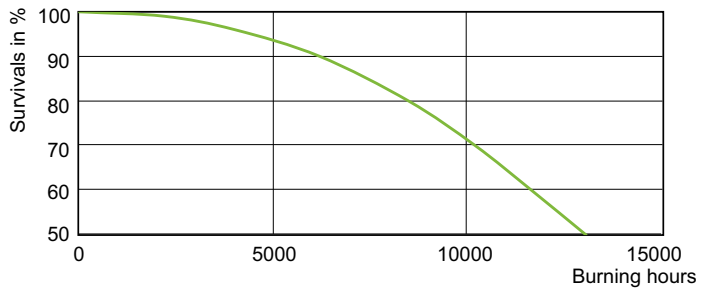
Photometric data



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

