

PHILIPS

Lighting



MASTER MHN-LA

MASTER MHN-LA 1000W/956 230V XWH

Compact quartz metal halide lamps with double-pin

Product data

General Information	
Cap-Base	X528 [X528]
Operating Position	P5 [Horizontal +/- 5D]
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	
Color Code	956 [CCT of 5600K]
Luminous Flux (Rated) (Min)	82000 lm
Luminous Flux (Rated) (Nom)	87000 lm
Color Designation	Daylight [Daylight]
Lumen Maintenance 1000 h (Nom)	90 %
Lumen Maintenance 2000 h (Nom)	80 %
Chromaticity Coordinate X (Nom)	337
Chromaticity Coordinate Y (Nom)	331
Correlated Color Temperature (Nom)	5600 K
Luminous Efficacy (rated) (Nom)	86.0 lm/W
Color 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	
Bulb Finish	Clear
Cap-Base Information	Cable (C)

Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	95 mg
Energy Consumption kWh/1000 h	1144 kWh

UV	
Specific Eff. Radiant Power	270 mW/klm

Luminaire Design Requirements	
Bulb Temperature (Max)	920 °C
Pinch Temperature (Max)	350 °C

Product Data	
Full product code	871150020077800

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Order product name	MASTER MHN-LA 1000W/956 230V XWH
EAN/UPC - Product	8718291548218
Order code	928072205130
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Material Nr. (12NC)	928072205130
Net Weight (Piece)	132.000 g
ILCOS Code	MN-1000-E-K-/H

Warnings and Safety

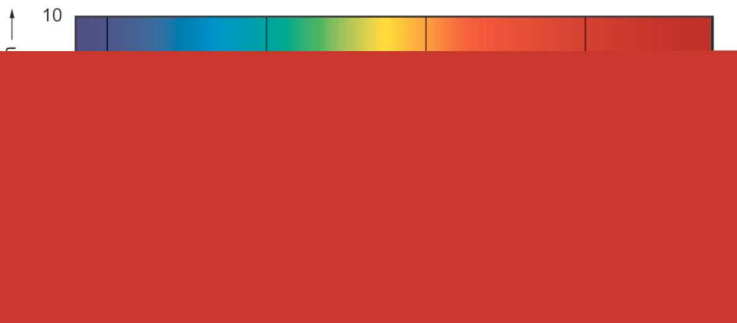
Dimensional drawing



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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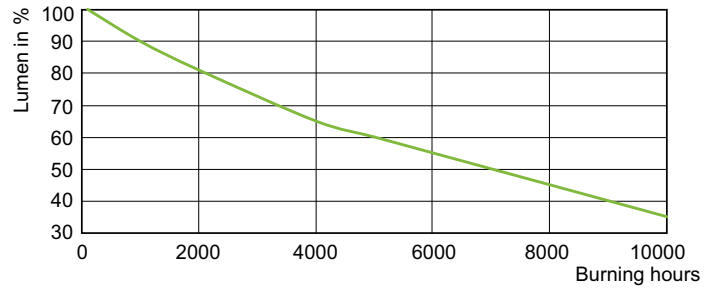
Photometric data



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Lifetime



MHN-LA 1000 W Life Expectancy

MHN-LA 1000 W Lumen Maintenance

