



MASTER MHN-LA

MASTER MHN-LA 2000W/956 400V XWH

Compact quartz metal halide lamps with double-pinch

Product data

• General Characteristics

Cap-Base	X528
Cap-Base Information	Cable
Bulb	TD40 [TD 40mm]
Bulb Finish	Clear
Operating Position	p5 [Parallel +/-5D or Horizontal(HOR)]
Life to 5% failures	4500 hr
Life to 10% failures	6000 hr
Life to 20% failures	8500 hr
Life to 50% failures	13000 hr

• Light Technical Characteristics

Color Code	956 [CCT of 5600K]
Color Rendering Index	90 Ra8
Color Designation (text)	Daylight
Color Temperature	5600 K
Color Temperature Technical	5600 K
Luminous Flux Lamp EM	190000 Lm
Luminous Efficacy Lamp EM	93 Lm/W
Lumen Maintenance 1000h	94 %
Lumen Maintenance 2000h	89 %
Lumen Maintenance 5000h	76 %
Lumen Maintenance 10000h	63 %
Luminance Average EM	1300 cd/cm2

Chromaticity Coordinate X	330 -
Chromaticity Coordinate Y	339 -

• Electrical Characteristics

Lamp Wattage	2000 W
Lamp Wattage EM	2040.0 W
Voltage	400 V
Lamp Voltage	225 V
Lamp Current EM	10.3 A
Dimmable	No

• Environmental Characteristics

Mercury (Hg) Content	130 mg
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• UV-related Characteristics

Specific Eff. Radiant Power	370 mW/klm
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• Luminaire Design Requirements

Pinch Temperature	350 (max) C
Bulb Temperature	920 (max) C

• Product Dimensions

Base Face to Base Face A	364 mm
Overall Length C	356.5 (max) mm
Diameter D	40 (max) mm
Light Center Length L	145 mm

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Arc Length O 108 mm
Cable Length X 58 mm

• Product Data

Order code 928072505130
Full product code 928072505130
Full product name MASTER MHN-LA 2000W/956 400V XWH
Order product name MASTER MHN-LA 2000W/956 400V XWH

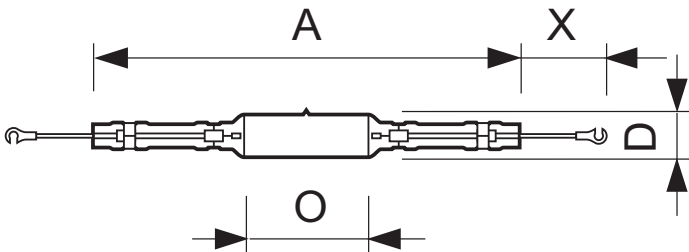
Pieces per pack 1
Packing configuration 1
Packs per outerbox 1
Bar code on pack - EAN1 8718291548225
Bar code on outerbox - EAN3 8711500200730
Logistic code(s) - 12NC 928072505130
ILCOS code MN-2000-E-K-/H
Net weight per piece 0.176 kg

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

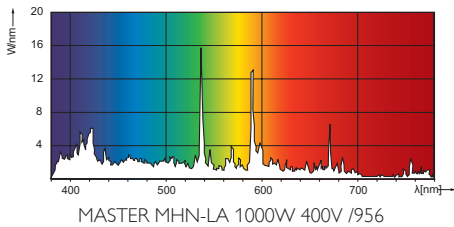
Dimensional drawing



MASTER MHN-LA 2000W/956 400V XWH

Product	A (Norm)	D (Max)	O (Norm)	X (Norm)
MHN-LA 2000W/956 400V XWH	364	40	108	58

Photometric data





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data subject to change