



MASTER MHN-LA

MASTER MHN-LA 1000W/842 230V XWH

Compact quartz metal halide lamps with double-pin

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	6000 hr
Life to 10% failures	8000 hr
Life to 20% failures	10000 hr
Life to 50% failures	15000 hr

• Light Technical Characteristics

Color Code	842 [CCT of 4200K]
Color Rendering Index	80 Ra8
Color Designation (text)	Cool White
Color Temperature	4200 K
Color Temperature Technical	4200 K
Luminous Flux Lamp EM	100000 Lm
Luminous Efficacy Lamp EM	96.2 Lm/W
Lumen Maintenance 1000h	90 %
Lumen Maintenance 2000h	80 %
Lumen Maintenance 5000h	60 %
Lumen Maintenance 10000h	35 %
Luminance Average EM	2200 cd/cm ²

Chromaticity Coordinate X	370 -
Chromaticity Coordinate Y	370 -

• Electrical Characteristics

Lamp Wattage	1000 W
Lamp Wattage EM	1040.0 W
Voltage	230 V
Lamp Voltage	125 V
Lamp Current EM	9.3 A
Dimmable	No

• Environmental Characteristics

Mercury (Hg) Content	112 mg
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• UV-related Characteristics

Specific Eff. Radiant Power	265 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	294 mm
Overall Length C	288 (max) mm
Diameter D	40 (max) mm
Light Center Length L	113 mm

PHILIPS

sense and simplicity

MASTER MHN-LA

Arc Length O 40.5 mm
Cable Length X 35 mm

• Product Data

Order code 928073005130
Full product code 928073005130
Full product name MASTER MHN-LA 1000W/842 230V XWH
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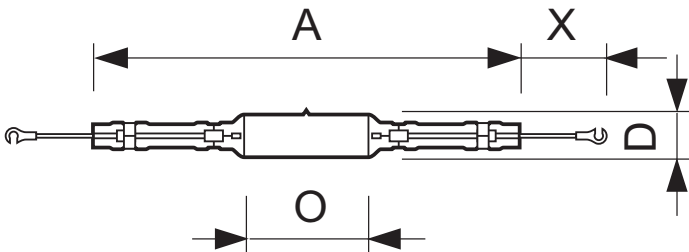
Pieces per pack 1
Packing configuration 1
Packs per outerbox 1
Bar code on pack - EAN1 8718291548232
Bar code on outerbox - EAN3 8711500200785
Logistic code(s) - 12NC 928073005130
ILCOS code MN-1000-E-K-/H
Net weight per piece 0.141 kg

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

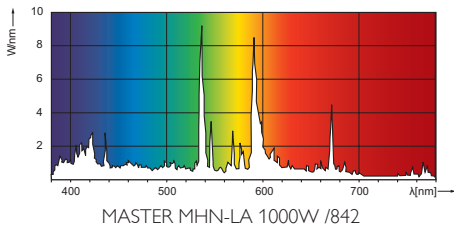
Dimensional drawing



MASTER MHN-LA 1000W/842 230V XWH

Product	A (Norm)	D (Max)	O (Norm)	X (Norm)
MHN-LA 1000W/842 230V XWH	294	40	40.5	35

Photometric data





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data subject to change