



MASTER MHN-LA

MASTER MHN-LA 2000W/842 400V XWH UNP

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
Burning 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

Colour Code	842 [CCT of 4200K]
Colour Rendering Index	80 Ra8
Colour Designation	Cool White
Colour Temperature	4200 K
Colour Temperature Technical	4200 K
Chromaticity Coordinate X	370 -
Chromaticity Coordinate Y	370 -
Lamp Luminous Flux EM	220000 Lm
Lamp Luminous Efficacy EM	108 Lm/W
Lumen Maintenance 2000h	89 %
Lumen Maintenance 5000h	76 %
Lumen Maintenance 10000h	63 %
Average Luminance EM	1500 cd/cm ²

Lumen Maintenance 1000h	94 %
-------------------------	------

• Electrical Characteristics

Lamp Wattage	2000 W
Lamp Wattage EM	2040 W
Voltage	400 V
Lamp Voltage	235 V
Lamp Current EM	9.6 A
Dimmable	no

• Environmental Characteristics

Mercury (Hg) Content	185 mg
----------------------	--------

• UV-related Characteristics

Specific Eff. Radiant Power	280 mW/klm
-----------------------------	------------

• 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
Arc Length O	108 mm
Cable Length X	58 mm

PHILIPS
sense and simplicity

MASTER MHN-LA

• Product Data

Order code	200747 00
Full product code	871150020074700
Full product name	MASTER MHN-LA 2000W/842 400V XWH UNP
Order product name	MASTER MHN-LA 2000W/842 400V XWH UNP
Pieces per pack	1

Packing configuration	1
Packs per outerbox	1
Bar code on pack - EAN1	8711500200747
Bar code on outerbox - EAN3	8711500200747
Logistic code(s) - 12NC	928071305130
ILCOS code	MN-2000-E-K-/H
Net weight per piece	0.172 kg

Warnings and Safety

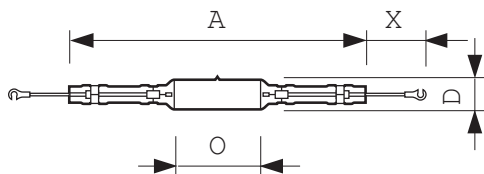
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)

- The luminaire must be able to contain hot lamp parts if the lamp ruptures

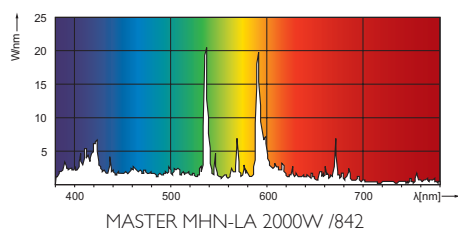
Dimensional drawing

MHN-LA, 1000W/2000W

Product	A (Norm)	D (Max)	O (Norm)	X (Norm)
MHN-LA 2000W/842 400V XWH	364	40	108	58



Photometric data





© 2012 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com/lighting

2012, February 1
data subject to change