



# MASTER MHN-LA

MASTER MHN-LA 1000W/842 230V XWH UNP

Compact quartz metal halide lamps with double-pin

## Product data

### • Product Data

Order code	200785 00
Full product code	871150020078500
Full product name	MASTER MHN-LA 1000W/842 230V XWH UNP
Order product name	MASTER MHN-LA 1000W/842 230V XWH UNP
Pieces per pack	1
Packing configuration	1
Packs per outerbox	1
Bar code on pack - EAN1	8711500200785
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

### • 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	3000 hr
Life to 10% failures	4000 hr
Life to 20% failures	6000 hr
Life to 50% failures	10000 hr

### • 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
----------------------	--------

### • 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	100000 Lm
Lamp Luminous Efficacy EM	96.2 Lm/W
Lumen Maintenance 2000h	80 %
Lumen Maintenance 5000h	65 %
Lumen Maintenance 10000h	50 %
Average Luminance EM	2200 cd/cm2
Lumen Maintenance 1500h	85 %

# PHILIPS

sense and simplicity

# MASTER MHN-LA

## • UV-related Characteristics

Specific Eff. Radiant Power 265 mW/klm

## • Product Dimensions

Base Face to Base Face A 294 mm  
Overall Length C 288 mm  
Diameter D 40 mm

Light Center Length L 113 mm  
Arc Length O 40.5 mm  
Cable Length X 35 mm

## • Luminaire Design Requirements

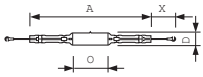
Pinch Temperature 350 C  
Bulb Temperature 920 C

## Warnings and Safety

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

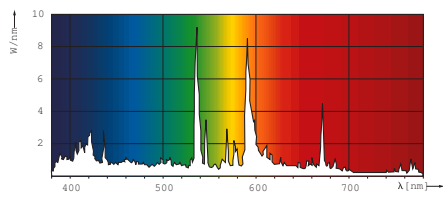
- The luminaire must be able to contain hot lamp parts if the lamp ruptures

## Dimensional drawing



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

## Photometric data



MASTER MHN-LA 1000W /842



© 2011 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](http://www.philips.com/lighting)

2011, April 11  
data subject to change