



# **MASTER MHN-LA**

# **MASTER MHN-LA 2000W/842 400V XWH**

Compact guartz metal halide lamps with double-pinch

#### Warnings and Safety

- $\cdot$  Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- · 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
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

### Product data

General Information				
Cap-Base	X528 [X528]			
Operating Position	P5 [Parallel +/-5D or Horizontal(HOR)]			
Life to 50% Failures (Nom)	13,000 hour(s)			
Light Technical				
Color Code	842 [CCT of 4200K]			
Color Designation	Cool White (CW)			
Chromaticity Coordinate X (Nom)	370			
Chromaticity Coordinate Y (Nom)	370			
Correlated Color Temperature (Nom)	4200 K			
Luminous Efficacy (rated) (Nom)	105 lm/W			
Color rendering index (CRI)	72			

Arc Length O (Nom)	108 mm
Operating and Electrical	
Power Consumption	2,040.0 W
Voltage (Nom)	235 V
Voltage (Nom)	235 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	TD40 [TD 40mm]

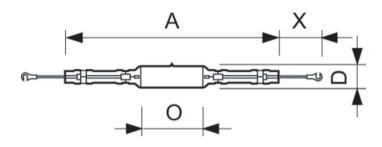
Datasheet, 2023, April 14 data subject to change

## **MASTER MHN-LA**

Approval and Application			
Mercury (Hg) Content (Nom)	194 mg		
Energy Consumption kWh/1000 h	2244 kWh		
Product Data			
Order product name	MASTER MHN-LA 2000W/842 400V XWH		
Full product name	MASTER MHN-LA 2000W/842 400V XWH		
Full product code	871150020074700		

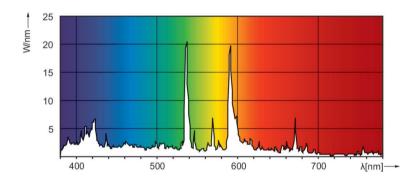
Order code	928071305130
Material Nr. (12NC)	928071305130
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291548201
Numerator - Packs per outer box	1
EAN/UPC - Case	8711500200747

## Dimensional drawing



Product	D (max)	0	Χ	Α
MASTER MHN-LA 2000W/842 400V XWH	40 mm	108 mm	58 mm	353 mm

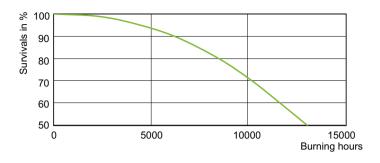
#### Photometric data

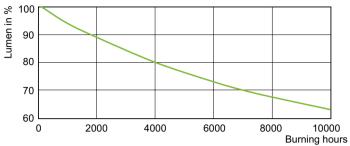


Spectral Power Distribution Colour - MASTER MHN-LA 2000W/842 400V XWH

## **MASTER MHN-LA**

#### Lifetime





Life Expectancy Diagram - MASTER MHN-LA 2000W/842 400V XWH

Lumen Maintenance Diagram - MASTER MHN-LA 2000W/842 400V XWH



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.