

MASTER MHN-LA

MASTER MHN-LA 1000W/842 230V XWH

Compact quartz metal halide lamps with double-pinch

Product data

• General Information

Cap-Base	X528 [X528]
Operating Position	P5 [Parallel +/-5D or Horizontal(HOR)]
Life To 5% Failures (Nom)	6000 h
Life To 10% Failures (Nom)	8000 h
Life To 20% Failures (Nom)	10000 h
Life To 50% Failures (Nom)	15000 h

• Light Technical

Color Code	842 [CCT of 4200K]
Luminous Flux (Rated) (Min)	85800 lm
Luminous Flux (Rated) (Nom)	95800 lm
Color Designation	Cool White (CW)
Lumen Maintenance 1000 h (Nom)	90 %
Lumen Maintenance 2000 h (Nom)	80 %
Chromaticity Coordinate X (Nom)	366
Chromaticity Coordinate Y (Nom)	370
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	92.00 lm/W
Color Rendering Index (Nom)	70

• Operating and Electrical

Lamp supply voltage	230 V [230]
Power (Rated) (Nom)	1040.0 W
Lamp Current Run-Up (Max)	15 A
Lamp Current (EM) (Nom)	9.3 A
Ignition Supply Voltage (Min)	198 V
Voltage (Max)	140 V
Voltage (Min)	110 V
Voltage (Nom)	125 V

• Controls and Dimming

Dimmable	No

• Mechanical and Housing

Bulb Finish	Clear
Cap-Base Information	Cable

• Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	112 mg
Energy Consumption kWh/1000 h	1144 kWh

• UV

Specific Eff. Radiant Power	265 mW/klm

PHILIPS

MASTER MHN-LA

- Luminaire Design Requirements

Bulb Temperature (Max)	920 °C
Pinch Temperature (Max)	350 °C

- Product Data

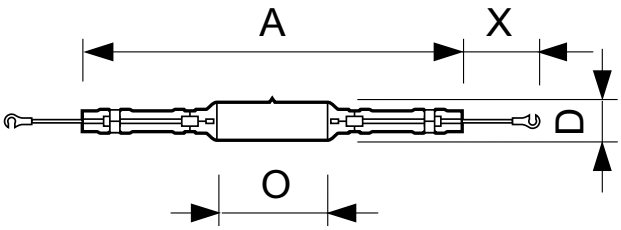
Full product code	871150020078500

Order product name	MASTER MHN-LA 1000W/842 230V XWH
EAN/UPC - Product	8718291548232
Order code	928073005130
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	928073005130
Net Weight (Piece)	141.000 g
ILCOS Code	MN-1000-E-K-/H

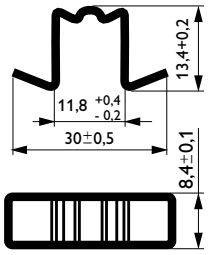
Warnings and Safety

- 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
- 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.

Dimensional drawing



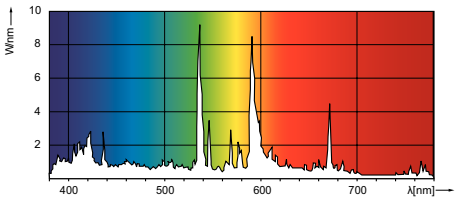
MHN-LA, 1000W/2000W



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Product	D	O	X	A
MASTER MHN-LA 1000W/842 230V XWH	40 mm	40.5 mm	35 mm	286 mm

Photometric data



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