



MASTER MHN-LA

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

Compact quartz metal halide lamps with double-pin

Product data

• 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

• 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	4000 hr
Life to 10% failures	5000 hr
Life to 20% failures	8000 hr
Life to 50% failures	12000 hr

• 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
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• 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	85 %
Lumen Maintenance 5000h	75 %
Lumen Maintenance 10000h	60 %
Average Luminance EM	1500 cd/cm2
Lumen Maintenance 1000h	92 %

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• UV-related Characteristics

Specific Eff. Radiant Power 280 mW/klm

• Product Dimensions

Base Face to Base Face A 364 mm
Overall Length C 356.5 mm
Diameter D 40 mm

Light Center Length L 145 mm
Arc Length O 108 mm
Cable Length X 58 mm

• Luminaire Design Requirements

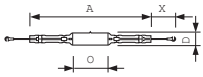
Pinch Temperature 350 C
Bulb Temperature 920 C

Warnings and Safety

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

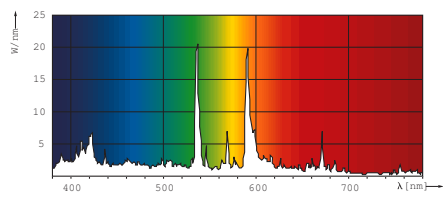
- The luminaire must be able to contain hot lamp parts if the lamp ruptures

Dimensional drawing



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

Photometric data



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data subject to change