



MASTER MHN-FC

MASTER MHN-FC 1000W/740 230V XW UNP

Compact quartz metal halide lamps with double pinch

Product data

• Product Data

Order code	214249 00
Full product code	871150021424900
Full product name	MASTER MHN-FC 1000W/740 230V XW UNP
Order product name	MASTER MHN-FC 1000W/740 230V XW UNP/1
Pieces per pack	1
Packing configuration	1
Packs per outerbox	1
Bar code on pack - EAN1	8711500214249
Bar code on outerbox - EAN3	8711500214249
Logistic code(s) - 12NC	928075705130
ILCOS code	MD-1000/40/2B-H-XW
Net weight per piece	0.140 kg

• General Characteristics

Cap-Base	Double Ended
Cap-Base Information	Cable
Bulb Finish	Clear
Burning Position	p5 [Parallel +/-5D or Horizontal(HOR)]
Life to 5% failures	7000 hr
Life to 10% failures	8000 hr
Life to 20% failures	9500 hr
Life to 50% failures	12000 hr

• Electrical Characteristics

Lamp Wattage	1000 W
Lamp Wattage EM	1040 W
Voltage	230 V
Lamp Voltage	130 V

Lamp Current EM	8.9 A
Dimmable	no

• Environmental Characteristics

Mercury (Hg) Content	85 mg
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• Light Technical Characteristics

Colour Code	740 [CCT of 4000K]
Colour Rendering Index	62 (min), 65 (nom) Ra8
Colour Designation	White
Colour Temperature	4100 K
Colour Temperature Technical	4100 K
Chromaticity Coordinate X	374 -
Chromaticity Coordinate Y	366 -
Lamp Luminous Flux EM	93000 Lm
Lamp Luminous Efficacy EM	91 Lm/W
Lumen Maintenance 2000h	85 %
Lumen Maintenance 5000h	75 %
Lumen Maintenance 10000h	70 %
Average Luminance EM	2100 cd/cm2
Lumen Maintenance 1000h	90 %

PHILIPS

sense and simplicity

MASTER MHN-FC

• UV-related Characteristics

PET (NIOSH)	0.049 h.klx
Damage Factor D/fc	3.4 -
UV A	807 mW/cm ²
UV B	230 mW/cm ²
UV C	122 mW/cm ²
Specific Eff. Radiant Power	235 mW/klm

• Product Dimensions

Base Face to Base Face A	226 mm
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Overall Length C	290 mm
Diameter D	25.5 (nom), 33 (max) mm
Light Center Length L	144 mm
Arc Length O	42.5 mm
Cable Length X	58 mm

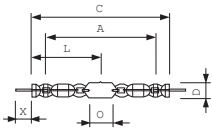
• Luminaire Design Requirements

Pinch Temperature	350 C
Bulb Temperature	950 C

Warnings and Safety

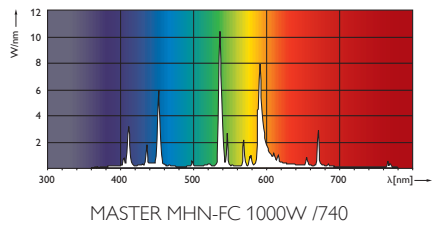
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures

Dimensional drawing



Product	A (Norm)	C (Max)	D (Norm)	D (Max)	L (Norm)	O (Norm)	X (Norm)
MHN-FC 1000W/740 230V XW	226	290	25.5	33	144	42.5	58

Photometric data



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data subject to change