

MASTER MHN-FC

MASTER MHN-FC 2000W/740 400V XW

Compact quartz metal halide lamps with double pinch

Product data

• General Information

Cap-Base	DOUBLEENDED [Double Ended]
Operating Position	P5 [Parallel +/-5D or Horizontal(HOR)]
Life To 5% Failures (Nom)	7000 h
Life To 10% Failures (Nom)	8000 h
Life To 20% Failures (Nom)	9500 h
Life To 50% Failures (Nom)	14000 h

• Light Technical

Color Code	740 [CCT of 4000K]
Luminous Flux (Rated) (Min)	190000 lm
Luminous Flux (Rated) (Nom)	210000 lm
Color Designation	White (WH)
Lumen Maintenance 1000 h (Nom)	90 %
Lumen Maintenance 10000 h (Nom)	70 %
Lumen Maintenance 2000 h (Nom)	85 %
Lumen Maintenance 5000 h (Nom)	75 %
Chromaticity Coordinate X (Nom)	380
Chromaticity Coordinate Y (Nom)	419
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color Rendering Index (Min)	-
Color Rendering Index (Nom)	60

• Operating and Electrical

Lamp supply voltage	400 V [400]
Power (Rated) (Nom)	2032.0 W
Lamp Current Run-Up (Max)	15 A
Lamp Current (EM) (Nom)	10.11 A
Ignition Supply Voltage (Min)	342 V
Voltage (Max)	235 V
Voltage (Min)	205 V
Voltage (Nom)	222 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)	105 mg
Energy Consumption kWh/1000 h	2235 kWh

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- UV

Pet (Niosh) (Nom)	0.030 h.klx
Damage Factor D/fc (Nom)	3.6
Specific Eff. Radiant Power	410 mW/klm

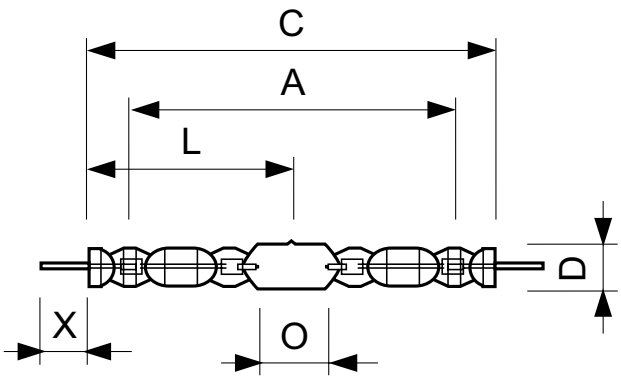
- Luminaire Design Requirements

Bulb Temperature (Max)	950 °C
Pinch Temperature (Max)	350 °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

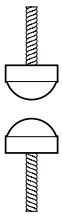
Dimensional drawing



MHN-FC, 1000W/2000W

MHN-FC 2000W/740 400V XW

Product	D	D	O	X	L	A	C
MASTER MHN-FC 2000W/740 400V XW	33 mm	25.5 mm	108 mm	58 mm	177 mm	290 mm	357 mm

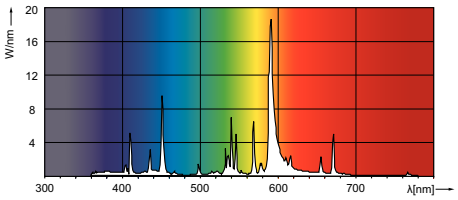


- Product Data

Full product code	871150021349500
Order product name	MASTER MHN-FC 2000W/740 400V XW
EAN/UPC - Product	8718291548195
Order code	928070405130
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	928070405130
Net Weight (Piece)	0.190 kg
ILCOS Code	MD-2000/40/2B-H-XW

- 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.

Photometric data



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2015, December 28
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