



2011, March 8
data subject to change

Product Description

MASTER MHN-FC

Compact quartz metal halide lamps with double pinch

Benefits

- Allows compact luminaire systems with precision optics for minimal light spill
- Good colour rendering creates a pleasant ambience with high visual comfort for players and spectators
- Continuous spectral distribution offers options for semi-professional stadiums and professional stadiums with regular TV coverage

Features

- Double-pinch concept results in long lifetime
- Choice of 1000W and 2000W types
- Natural white colour appearance
- Compact light source allows small luminaire design

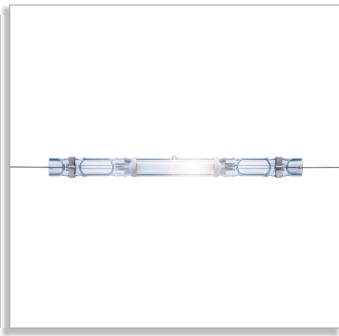
Application

- Recreational sports and area floodlighting

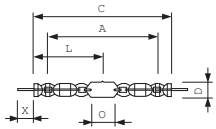
Warnings and Safety

- 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

Related products

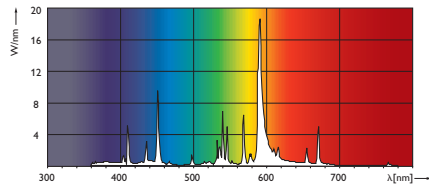


Dimensional drawing

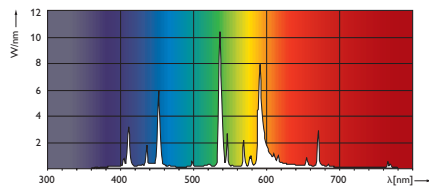


Product	A (Norm)	C (Max)	D (Norm)	D (Max)	L (Norm)	O (Norm)	X (Norm)
MHN-FC 2000W/740 400V XW	290	357	25.5	33	177	108	58
MHN-FC 1000W/740 230V XW	226	290	25.5	33	144	42.5	58

Photometric data



MASTER MHN-FC 2000W /740



MASTER MHN-FC 1000W /740

Compare table

Order code	Full product name	Bulb Finish	Cap-Base	Burning Position	Colour Code	Colour Designation	Voltage	Lamp Wattage	Lamp Wattage EM	Lamp Luminous Flux EM	Lamp Voltage
213495 00	MASTER MHN-FC 2000W/740 400V XW UNP	Clear	Double Ended	p5	740	White	400	2000	2032	210000	222
214249 00	MASTER MHN-FC 1000W/740 230V XW UNP	Clear	Double Ended	p5	740	White	230	1000	1040	93000	130

Compare table

Order code	Full product name	Lamp Current EM	Dimmable	Chromaticity Coordinate X	Chromaticity Coordinate Y	Colour Rendering Index	Life to 10% failures	Life to 20% failures	Life to 5% failures	Life to 50% failures	Lumen Maintenance 10000h
213495 00	MASTER MHN-FC 2000W/740 400V XW UNP	10.11	no	380	419	56 (min), 62 (nom)	8000	9500	7000	14000	70
214249 00	MASTER MHN-FC 1000W/740 230V XW UNP	8.9	no	374	366	62 (min), 65 (nom)	8000	9500	7000	12000	70

Compare table

Order code	Full product name	Lumen Maintenance 2000h	Lumen Maintenance 5000h	Bulb Temperature	Lamp Luminous Efficacy EM	Colour Temperature	Mercury (Hg) Content	Lumen Maintenance 1000h	Lumen Maintenance 14000h
213495 00	MASTER MHN-FC 2000W/740 400V XW UNP	85	75	950	102	4200	105	90	45
214249 00	MASTER MHN-FC 1000W/740 230V XW UNP	85	75	950	91	4100	85	90	-



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