



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 color rendering creates a pleasant ambience with high visual comfort for players and spectators
- $\boldsymbol{\cdot}$ Continuous spectral distribution offers options for semi-professional stadiums and area lighting

Features

- · Double-pinch concept results in long lifetime
- · Choice of 1000 W and 2000 W types
- · Natural white color appearance
- \cdot 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
- 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.

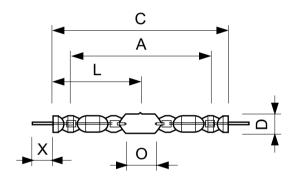
MASTER MHN-FC

Versions



LPPR MHN-FC 1000W

Dimensional drawing



General Information	
Cap-Base	Double Ended
Operating Position	P5
Light Technical	
Color Designation	White (WH)
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

Product	D (max)	D	0	X	L	Α	C (max)
MASTER MHN-FC	33 mm	25.5	42.5	58 mm	144 mm	226 mm	290 mm
1000W/740 230V XW		mm	mm				
MASTER MHN-FC	33 mm	25.5	108 mm	58 mm	177 mm	290	357 mm
2000W/740 400V		mm				mm	
XW							
MASTER MHN-FC	33 mm	25.5	108 mm	58 mm	177 mm	290	476 mm
2200W/640 400V		mm				mm	
XW							

Light Technical

		Chromaticity	Chromaticity	Correlated Color	Color rendering	Luminous Efficacy (rated)
Order Code	Full Product Name	Coordinate X (Nom)	Coordinate Y (Nom)	Temperature (Nom)	index (CRI)	(Nom)
928070405130	MASTER MHN-FC 2000W/740 400V	380	419	4200 K	60	102 lm/W
	XW					
928079805130	MASTER MHN-FC 2200W/640 400V	382	400	4100 K	60	105 lm/W
	XW					
928075705130	MASTER MHN-FC 1000W/740 230V XW	374	366	4100 K	65	91 lm/W

Operating and Electrical

MASTER MHN-FC

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928070405130	MASTER MHN-FC 2000W/740	222 V	2,032.0 W
	400V XW		
928079805130	MASTER MHN-FC 2200W/640	230 V	2,240.0 W
	400V XW		

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928075705130	MASTER MHN-FC 1000W/740	130 V	1,040.0 W
	230V XW		

Approval and Application

		Energy Consumption	Mercury (Hg)
Order Code	Full Product Name	kWh/1000 h	Content (Nom)
928070405130	MASTER MHN-FC	2235 kWh	105 mg
	2000W/740 400V XW		
928079805130	MASTER MHN-FC	2464 kWh	103 mg
	2200W/640 400V XW		

		Energy Consumption	Mercury (Hg)
Order Code	Full Product Name	kWh/1000 h	Content (Nom)
928075705130	MASTER MHN-FC	1144 kWh	74 mg
	1000W/740 230V XW		



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