



2011, March 8  
data subject to change

# Product Description

## MASTER MHN-LA

Compact quartz metal halide lamps with double-pin

### Benefits

- Allows compact and efficient luminaire systems with precision optics for good beam control and minimal spill light
- 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 for professional stadiums with regular TV coverage

### Features

- Compact source (Long Arc) with high luminous efficacy
- Double-pin concept results in long lifetime
- Natural white colour appearance, high colour rendering and good colour stability
- Daylight colour temperature eases transition from daylight to artificial lighting

### Application

- Professional and semi-professional sports lighting and floodlighting

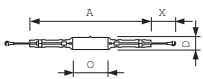
### Warnings and Safety

- 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

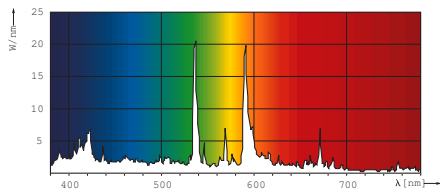


Dimensional drawing

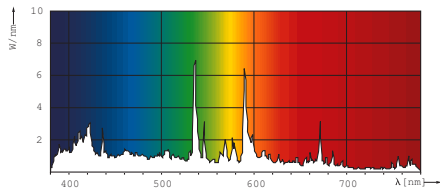


Product	A (Norm)	D (Max)	O (Norm)	X (Norm)
MHN-LA 2000W/842 400V XWH	364	40	108	58
MHN-LA 1000W/956 230V XWH	294	40	40.5	35
MHN-LA 2000W/956 400V XWH	364	40	108	58
MHN-LA 1000W/842 230V XWH	294	40	40.5	35

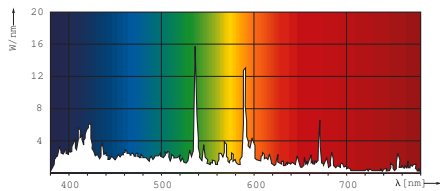
Photometric data



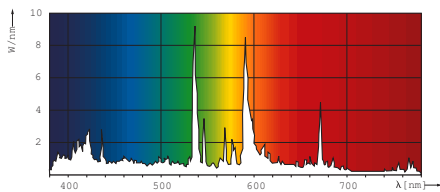
MASTER MHN-LA 2000W /842



MASTER MHN-LA 1000W 230V /956



MASTER MHN-LA 1000W 400V /956



MASTER MHN-LA 1000W /842

Compare table

Order code	Full product name	Bulb	Bulb Finish	Cap-Base	Burning Position	Colour Code	Colour Designation	Voltage	Lamp Wattage	Lamp Wattage EM	Lamp Luminous Flux EM
200747 00	MASTER MHN-LA 2000W/842 400V XWH UNP	TD40	Clear	X528	p5	842	Cool White	400	2000	2040	220000
200778 00	MASTER MHN-LA 1000W/956 230V XWH UNP	TD40	Clear	X528	p5	956	Daylight	230	1000	1040.0	90000
200730 00	MASTER MHN-LA 2000W/956 400V XWH UNP	TD40	Clear	X528	p5	956	Daylight	400	2000	2040.0	190000
200785 00	MASTER MHN-LA 1000W/842 230V XWH UNP	TD40	Clear	X528	p5	842	Cool White	230	1000	1040.0	100000

Compare table

Order code	Full product name	Lamp Voltage	Lamp Current EM	Dimmable	Chromaticity Coordinate X	Chromaticity Coordinate Y	Colour Rendering Index	Life to 10% fail-ures	Life to 20% fail-ures	Life to 5% fail-ures	Life to 50% fail-ures
200747 00	MASTER MHN-LA 2000W/ 842 400V XWH UNP	235	9.6	no	370	370	80	5000	8000	4000	12000
200778 00	MASTER MHN-LA 1000W/ 956 230V XWH UNP	125	9.3	no	330	339	90	4000	6000	3000	10000

Order code	Full product name	Lamp Voltage	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
200730 00	MASTER MHN-LA 2000W/ 956 400V XWH UNP	225	10.3	no	330	339	90	5000	8000	4000	12000
200785 00	MASTER MHN-LA 1000W/ 842 230V XWH UNP	125	9.3	no	370	370	80	4000	6000	3000	10000

### Compare table

Order code	Full product name	Lumen Maintenance 10000h	Lumen Maintenance 2000h	Lumen Maintenance 5000h	Bulb Temperature	Lamp Luminous Efficacy EM	Colour Temperature	Mercury (Hg) Content	Lumen Maintenance 1000h	Lumen Maintenance 1500h
200747 00	MASTER MHN-LA 2000W/ 842 400V XWH UNP	60	85	75	920	108	4200	185	92	-
200778 00	MASTER MHN-LA 1000W/ 956 230V XWH UNP	50	80	65	920	86.5	5600	85	-	85
200730 00	MASTER MHN-LA 2000W/ 956 400V XWH UNP	55	80	65	920	93	5600	130	-	85
200785 00	MASTER MHN-LA 1000W/ 842 230V XWH UNP	50	80	65	920	96.2	4200	112	-	85



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