



Product Description

MASTER MHN-LA

Compact quartz metal halide lamps with double-pinch

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-pinch 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
- 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.

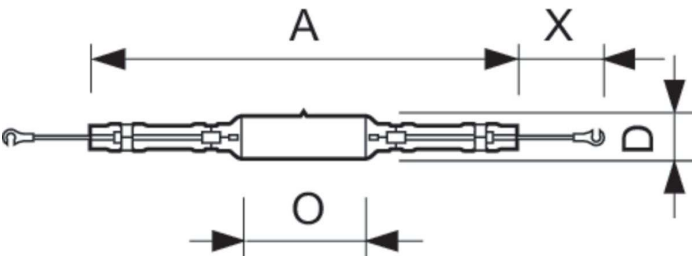
MASTER MHN-LA

Versions



LPPR MHN-LA 2000W

Dimensional drawing



Product	D (max)	O	X	A
MASTER MHN-LA 1000W/842 230V XWH	40 mm	40.5 mm	35 mm	286 mm
MASTER MHN-LA 1000W/956 230V XWH	40 mm	40.5 mm	35 mm	286 mm
MASTER MHN-LA 2000W/842 400V XWH	40 mm	108 mm	58 mm	353 mm
MASTER MHN-LA 2000W/956 400V XWH	40 mm	108 mm	58 mm	353 mm

General Information	
Cap base	X528
Operating position	P5
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	TD40

Light Technical

						Colour	
		Chromaticity	Chromaticity		Correlated Colour	rendering index	Luminous efficacy
Order Code	Full Product Name	Coordinate X (Nom)	Coordinate Y (Nom)	Colour designation	Temperature (Nom)	(CRI)	(rated) (nom.)
20074700	MASTER MHN-LA 2000W/842 400V XWH	370	370	Cool White (CW)	4200 K	72	104 lm/W
20073000	MASTER MHN-LA 2000W/956 400V XWH	330	339	Daylight	5600 K	82	93 lm/W
20077800	MASTER MHN-LA 1000W/956 230V XWH	337	331	Daylight	5600 K	80	86.0 lm/W

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						Colour	
Order Code	Full Product Name	Chromaticity	Chromaticity		Correlated Colour	rendering index	Luminous efficacy
		Coordinate X (Nom)	Coordinate Y (Nom)	Colour designation	Temperature (Nom)	(CRI)	(rated) (nom.)
20078500	MASTER MHN-LA 1000W/842 230V XWH	366	370	Cool White (CW)	4200 K	70	92.00 lm/W

Operating and Electrical

Order Code	Full Product Name	Voltage (nom.)	Power Consumption	Order Code	Full Product Name	Voltage (nom.)	Power Consumption
20074700	MASTER MHN-LA 2000W/842 400V XWH	235 V	2,050 W	20077800	MASTER MHN-LA 1000W/956 230V XWH	125 V	1,040.0 W
20073000	MASTER MHN-LA 2000W/956 400V XWH	225 V	2,050 W	20078500	MASTER MHN-LA 1000W/842 230V XWH	125 V	1,040.0 W

Approval and Application

Order Code	Full Product Name	Energy consumption	Mercury (Hg)	Order Code	Full Product Name	Energy consumption	Mercury (Hg)
		kWh/1,000 hours	content (nom.)			kWh/1,000 hours	content (nom.)
20074700	MASTER MHN-LA 2000W/842 400V XWH	2,244 kWh	194 mg	20077800	MASTER MHN-LA 1000W/956 230V XWH	1,144 kWh	95 mg
20073000	MASTER MHN-LA 2000W/956 400V XWH	2,244 kWh	140 mg	20078500	MASTER MHN-LA 1000W/842 230V XWH	1,144 kWh	112 mg

