



PHILIPS

Lighting



Product Description

MASTER MHN-LA

Compact quartz metal halide lamps with double-pinches

Benefits

- Allows compact and efficient luminaire systems with precision optics for good beam control and minimal spill light
- Good color 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-pinches concept results in long lifetime
- Natural white color appearance, high color rendering and good color stability
- Daylight color 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

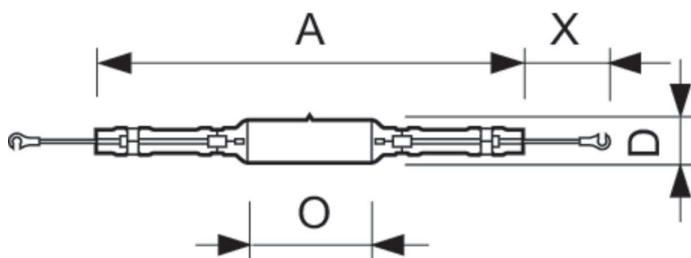
Versions



LPPR MHN-LA 2000W

LPPR MHN-LA 1000W

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 2000W/842 400V XWH	40 mm	108 mm	58 mm	353 mm

General Information	
Cap base	X528
Operating position	P5
Light Technical	
Chromaticity Coordinate Y (Nom)	370
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4200 K
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	TD40

Light Technical

Order Code	Full Product Name	Chromaticity	Colour rendering	Luminous efficacy
		Coordinate X (Nom)	index (CRI)	(rated) (nom.)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	370	72	104 lm/W
928073005130	MASTER MHN-LA 1000W/842 230V XWH	366	70	92.00 lm/W

Operating and Electrical

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
928071305130	MASTER MHN-LA 2000W/842 400V XWH	235 V	2,050 W

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
928073005130	MASTER MHN-LA 1000W/842 230V XWH	125 V	1,040.0 W

Approval and Application

MASTER MHN-LA

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (nom.)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	2,244 kWh	194 mg

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (nom.)
928073005130	MASTER MHN-LA 1000W/842 230V XWH	1,144 kWh	112 mg

