



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

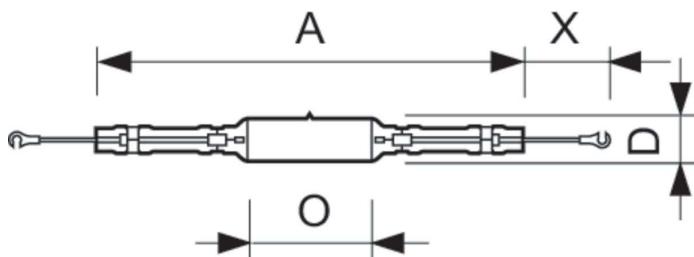
- Professional and semi-professional sports lighting and floodlighting

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

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	
Bulb Finish	Clear
Bulb Shape	TD40

Light Technical

Order Code	Full Product Name	Chromaticity		Chromaticity		Correlated Color	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
		Coordinate X (Nom)	Coordinate Y (Nom)	Color Designation	Temperature (Nom)			
928071305130	MASTER MHN-LA 2000W/842 400V XWH	370	370	Cool White (CW)	4200 K	72	104 lm/W	
928072505130	MASTER MHN-LA 2000W/956 400V XWH	330	339	Daylight	5600 K	82	93 lm/W	
928072205130	MASTER MHN-LA 1000W/956 230V XWH	337	331	Daylight	5600 K	80	86.0 lm/W	
928073005130	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
928071305130	MASTER MHN-LA 2000W/842 400V XWH	235 V	2,050 W	928072205130	MASTER MHN-LA 1000W/956 230V XWH	125 V	1,040.0 W
928072505130	MASTER MHN-LA 2000W/956 400V XWH	225 V	2,050 W	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	Mercury (Hg)
		kWh/1000 h	Content (Nom)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	2,244 kWh	194 mg
928072505130	MASTER MHN-LA 2000W/956 400V XWH	2,244 kWh	140 mg

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Nom)
928072205130	MASTER MHN-LA 1000W/956 230V XWH	1,144 kWh	95 mg
928073005130	MASTER MHN-LA 1000W/842 230V XWH	1,144 kWh	112 mg

