



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

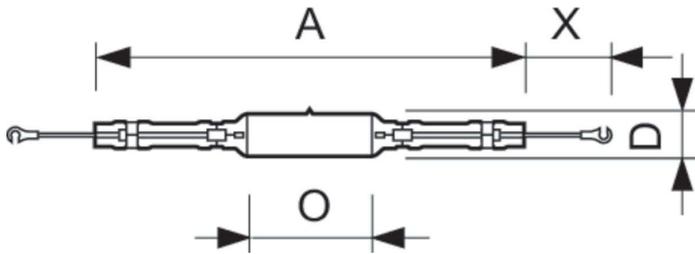
- Professional and semi-professional sports lighting and floodlighting

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

Dimensional drawing



Product	D (max)	O	X	A
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
Operating and Electrical	
Power Consumption	2,050 W
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	TD40
Approval and Application	
Energy Consumption kWh/1000 h	2,244 kWh

Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (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

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	235 V

Order Code	Full Product Name	Voltage (Nom)
928072505130	MASTER MHN-LA 2000W/956 400V XWH	225 V

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	194 mg

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
928072505130	MASTER MHN-LA 2000W/956 400V XWH	140 mg

