PHILIPS

MASTER MHN-LA

DMHNLA



Product Description

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 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
- Natural white color appearance, high color rendering and good color stability
- Daylight color temperature eases transition from daylight to artificial lighting

Applications

- Professional and semi-professional sports lighting and floodlighting
- 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.

Features

- Compact source (Long Arc) with high luminous efficacy
- Double-pinch concept results in long lifetime

Versions

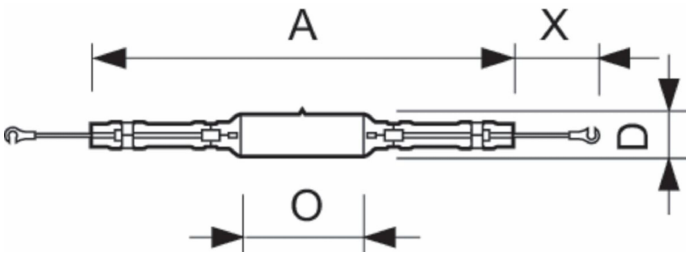


LPPR MHN-LA 2000W



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 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 [Parallel +/-5D or Horizontal(HOR)]

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	TD40

Light Technical

Order Code	Full Product Name	Color Designation	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	Cool White (CW)	370	370	4200 K	104 lm/W	72
928072505130	MASTER MHN-LA 2000W/956 400V XWH	Daylight	330	339	5600 K	93 lm/W	82
928072205130	MASTER MHN-LA 1000W/956 230V XWH	Daylight	337	331	5600 K	86.0 lm/W	80
928073005130	MASTER MHN-LA 1000W/842 230V XWH	Cool White (CW)	366	370	4200 K	92.00 lm/W	70

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	2,050 W	235 V
928072505130	MASTER MHN-LA 2000W/956 400V XWH	2,050 W	225 V
928072205130	MASTER MHN-LA 1000W/956 230V XWH	1,040.0 W	125 V
928073005130	MASTER MHN-LA 1000W/842 230V XWH	1,040.0 W	125 V

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Energy Consumption kWh/1000 h
928071305130	MASTER MHN-LA 2000W/842 400V XWH	194 mg	2,244 kWh
928072505130	MASTER MHN-LA 2000W/956 400V XWH	140 mg	2,244 kWh
928072205130	MASTER MHN-LA 1000W/956 230V XWH	95 mg	1,144 kWh
928073005130	MASTER MHN-LA 1000W/842 230V XWH	112 mg	1,144 kWh

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