

Lighting

PHILIPS

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

 \cdot Professional and semi-professional sports lighting and floodlighting

Warnings and Safety

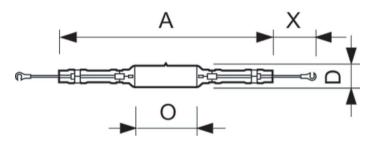
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and 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)	0	х	А
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

	Chromaticity	Chromaticity		Correlated Color	Color rendering	Luminous Efficacy
Full Product Name	Coordinate X (Nom)	Coordinate Y (Nom)	Color Designation	Temperature (Nom)	index (CRI)	(rated) (Nom)
MASTER MHN-LA 2000W/842	370	370	Cool White (CW)	4200 K	72	105 lm/W
400V XWH						
MASTER MHN-LA 2000W/956	330	339	Daylight	5600 K	82	93 lm/W
400V XWH						
MASTER MHN-LA 1000W/956 230V	337	331	Daylight	5600 K	80	86.0 lm/W
XWH						
MASTER MHN-LA 1000W/842 230V	366	370	Cool White (CW)	4200 K	70	92.00 lm/W
XWH						
	MASTER MHN-LA 2000W/842 400V XWH MASTER MHN-LA 2000W/956 400V XWH MASTER MHN-LA 1000W/956 230V XWH MASTER MHN-LA 1000W/842 230V	Full Product Name Coordinate X (Nom) MASTER MHN-LA 2000W/842 370 400V XWH 330 MASTER MHN-LA 2000W/9566 330 400V XWH	Full Product Name Coordinate X (Nom) Coordinate Y (Nom) MASTER MHN-LA 2000W/842 370 370 400V XWH 330 339 400V XWH	Full Product Name Coordinate X (Non) Coordinate Y (Non) Color Designation MASTER MHN-LA 2000W/842 370 370 Cool White (CW) 400V XWH 330 339 Daylight 400V XWH 500 337 Daylight 400V XWH 500 310 Daylight 400V XWH 500 311 Daylight MASTER MHN-LA 1000W/956 2300 370 Daylight XWH 500 Sold Sold White	Full Product NameCoordinate X (NoCoordinate X (NoColor DesignationTemperature (Nom)MASTER MHN-LA 2000W/842370370Cool White (CW)420 KMASTER MHN-LA 2000W/956300339Daylight560 K400V XWH	Full Product Name Coordinate X (No) Coordinate X (No) Color Designation Temperature (Noin) index (CR) MASTER MHN-LA 2000W/842 370 Cool White (CW) 4200 K 72 MASTER MHN-LA 2000W/950 330 Daylight 5600 K 82 MASTER MHN-LA 2000W/950 370 Daylight 5600 K 82 MASTER MHN-LA 1000W/950 374 Daylight 5600 K 80 MASTER MHN-LA 1000W/9562300 374 Daylight 5600 K 80 MASTER MHN-LA 1000W/9562301 370 Daylight 5600 K 80 MASTER MHN-LA 1000W/9562303 370 Daylight 5000 K 80 MASTER MHN-LA 1000W/9562303 360 S70 Coll White (CW) 420 K 70

MASTER MHN-LA

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
20074700	MASTER MHN-LA 2000W/842 400V	235 V	2,040.0 W
	XWH		
20073000	MASTER MHN-LA 2000W/956	225 V	2,040.0 W
	400V XWH		

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
20077800	MASTER MHN-LA 1000W/956 230V	125 V	1,040.0 W
	XWH		
20078500	MASTER MHN-LA 1000W/842 230V	125 V	1,040.0 W
	XWH		

Approval and Application

		Energy Consumption	Mercury (Hg)
Order Code	Full Product Name	kWh/1000 h	Content (Nom)
20074700	MASTER MHN-LA 2000W/842	2244 kWh	194 mg
	400V XWH		
20073000	MASTER MHN-LA 2000W/956	2244 kWh	140 mg
	400V XWH		

		Energy Consumption	Mercury (Hg)
Order Code	Full Product Name	kWh/1000 h	Content (Nom)
20077800	MASTER MHN-LA 1000W/956 230V XWH	1144 kWh	95 mg
20078500	MASTER MHN-LA 1000W/842 230V XWH	1144 kWh	112 mg



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