



Product Description

MASTER MHN-LA

Compact quartz metal halide lamps with double-pinch

Benefits

Features

Application

Warnings and Safety

Versions



MHN-LA, 1000W

MHN-LA 2000W

MASTER MHN-LA

Dimensional drawing



Product	D (max)	O	X	A
MASTER MHN-LA 1000W/956 230V XWH	40 mm	40.5 mm	35 mm	286 mm
MASTER MHN-LA 2000W/956 400V XWH	40 mm	108 mm	58 mm	353 mm

Controls and Dimming

Dimmable	No
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General Information

Cap-Base	X528
Operating Position	P5

Luminaire Design Requirements

Bulb Temperature (Max)	920 °C
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Light Technical

Color Code	956
Color Designation	Daylight
Correlated Color Temperature (Nom)	5600 K

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	TD40

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)	Mercury (Hg) Content (Nom)
928072205130	MASTER MHN-LA 1000W/956 230V XWH	1144 kWh	A	95 mg
928072505130	MASTER MHN-LA 2000W/956 400V XWH	2244 kWh	A+	130 mg

Operating and Electrical (1/2)

Order Code	Full Product Name	Lamp			
		Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)
928072205130	MASTER MHN-LA 1000W/956 230V XWH	9.3 A	140 V	110 V	125 V

Order Code	Full Product Name	Lamp			
		Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)
928072505130	MASTER MHN-LA 2000W/956 400V XWH	10.3 A	235 V	210 V	225 V

Operating and Electrical (2/2)

Order Code	Full Product Name	Power (Rated) (Nom)
928072205130	MASTER MHN-LA 1000W/956 230V XWH	1040.0 W

Order Code	Full Product Name	Power (Rated) (Nom)
928072505130	MASTER MHN-LA 2000W/956 400V XWH	2040.0 W

General Information

MASTER MHN-LA

Order Code	Full Product Name	Life To 10%	Life To 20%	Life To 50%	Life To 5%
		Failures (Nom)	Failures (Nom)	Failures (Nom)	Failures (Nom)
928072205130	MASTER MHN-LA 1000W/956 230V XWH	8000 h	10000 h	15000 h	6000 h

Order Code	Full Product Name	Life To 10%	Life To 20%	Life To 50%	Life To 5%
		Failures (Nom)	Failures (Nom)	Failures (Nom)	Failures (Nom)
928072505130	MASTER MHN-LA 2000W/956 400V XWH	6000 h	8500 h	13000 h	4500 h

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color	
				Rendering Index (Nom)	Lumen Maintenance 1000 h (Nom)
928072205130	MASTER MHN-LA 1000W/956 230V XWH	337	331	80	90 %
928072505130	MASTER MHN-LA	330	339	82	94 %

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color	
				Rendering Index (Nom)	Lumen Maintenance 1000 h (Nom)
	2000W/956 400V XWH				

Light Technical (2/2)

Order Code	Full Product Name	Lumen Maintenance	Lumen Maintenance	Lumen Maintenance	Luminous Efficacy	Luminous Flux	Luminous Flux
		10000 h (Nom)	2000 h (Nom)	5000 h (Nom)	(rated) (Nom)	(Rated) (Min)	(Rated) (Nom)
928072205130	MASTER MHN-LA 1000W/956 230V XWH	-	80 %	-	86.0 lm/W	82000 lm	87000 lm
928072505130	MASTER MHN-LA 2000W/956 400V XWH	63 %	89 %	76 %	93 lm/W	170000 lm	190000 lm

