



Product Description

MASTER MHN-LA

Compact quartz metal halide lamps with double-pin

Benefits

Features

Application

Warnings and Safety

Versions



MASTER MHN-LA

Dimensional drawing



Product	D (max)	O	X	A
MASTER MHN-LA 2000W/956 400V XWH	40 mm	108 mm	58 mm	353 mm
MASTER MHN-LA 2000W/842 400V XWH	40 mm	108 mm	58 mm	353 mm
MASTER MHN-LA 1000W/842 230V XWH	40 mm	40.5 mm	35 mm	286 mm

Approval and Application	
Energy Efficiency Label (EEL)	A+
Controls and Dimming	
Dimmable	no
General Information	
Cap-Base	X528
Operating Position	P5
Luminaire Design Requirements	
Bulb Temperature (Max)	920 °C
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	TD40

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	2244 kWh	194 mg
928072505130	MASTER MHN-LA 2000W/956 400V XWH	2244 kWh	130 mg

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
928073005130	MASTER MHN-LA 1000W/842 230V XWH	1144 kWh	112 mg

Operating and Electrical

Order Code	Full Product Name	Lamp Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	9.6 A	245 V	220 V	235 V	2040.0 W
928072505130	MASTER MHN-LA 2000W/956 400V XWH	10.3 A	235 V	210 V	225 V	2040.0 W
928073005130	MASTER MHN-LA 1000W/842 230V XWH	9.3 A	140 V	110 V	125 V	1040.0 W

General Information

MASTER MHN-LA

Order Code	Full Product Name	Life To 10% Failures (Nom)	Life To 20% Failures (Nom)	Life To 50% Failures (Nom)	Life To 5% Failures (Nom)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	6000 h	8500 h	13000 h	4500 h
928072505130	MASTER MHN-LA 2000W/956 400V XWH	6000 h	8500 h	13000 h	4500 h

Order Code	Full Product Name	Life To 10% Failures (Nom)	Life To 20% Failures (Nom)	Life To 50% Failures (Nom)	Life To 5% Failures (Nom)
928073005130	MASTER MHN-LA 1000W/842 230V XWH	8000 h	10000 h	15000 h	6000 h

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Colour Code	Colour Designation	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Lumen Maintenance 1000 h (Nom)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	370	370	842	Cool White (CW)	4200 K	72	94 %
928072505130	MASTER MHN-LA 2000W/956 400V XWH	330	339	956	Daylight	5600 K	82	94 %
928073005130	MASTER MHN-LA 1000W/842 230V XWH	366	370	842	Cool White (CW)	4200 K	70	90 %

Light Technical (2/2)

Order Code	Full Product Name	Lumen Maintenance 10000 h (Nom)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)
928071305130	MASTER MHN-LA 2000W/842 400V XWH	63 %	89 %	76 %	105 lm/W	193000 lm	214000 lm
928072505130	MASTER MHN-LA 2000W/956 400V XWH	63 %	89 %	76 %	93 lm/W	170000 lm	190000 lm
928073005130	MASTER MHN-LA 1000W/842 230V XWH	-	80 %	-	92.00 lm/W	85800 lm	95800 lm

