

Lighting

PHILIPS

MASTER MHN-SA

MASTER MHN-SA 2000W/956 400V XW HO UNP/1

Compact quartz metal halide lamps with double-pinch

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- \cdot 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.

Product data

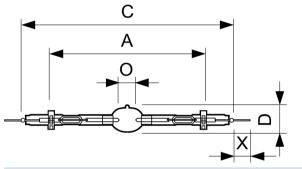
General information		Luminous Efficacy (rated) (Nom)	108 lm/W
Cap-Base	X830R [X830R]	Color Rendering Index (Nom)	81
Operating Position	P15 [Parallel +/-15D or Horizontal(HOR)]		
Life to 5% Failures (Nom)	1700 h	Operating and electrical	
Life To 10% Failures (Nom)	2300 h	Lamp supply voltage	400 V [400]
Life to 20% Failures (Nom)	3000 h	Power (Nom)	2095.0 W
Life to 50% Failures (Nom)	5000 h	Lamp Current Run-Up (Max)	17 A
		Lamp Current (EM) (Nom)	11.8 A
Light technical		Ignition Supply Voltage (Min)	360 V
Color Code	956 [CCT of 5600K]	Voltage (Max)	220 V
Luminous Flux (Rated) (Nom)	226000 lm	Voltage (Min)	185 V
Color Designation	Daylight	Voltage (Nom)	205 V
Lumen Maintenance 1000 h (Nom)	96.5 %		
Lumen Maintenance 2000 h (Nom)	92.5 %	Controls and dimming	
Lumen Maintenance 5000 h (Nom)	78 %	Dimmable	No
Chromaticity Coordinate X (Nom)	330		
Chromaticity Coordinate Y (Nom)	366	Mechanical and housing	
Correlated Color Temperature (Nom) 5600 K		Bulb Finish	Clear

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Cap-Base Information	-			
Bulb Shape	TD40 [TD 40mm]			
Approval and application				
Mercury (Hg) Content (Nom)	215 mg			
Energy Consumption kWh/1000 h	2305 kWh			
UV				
Specific Eff. Radiant Power	60 mW/klm			
Luminaire design requirements				
Bulb Temperature (Max)	1015 °C			
Pinch Temperature (Max)	350 °C			

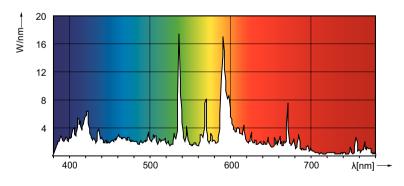
Product data				
Full product code	871829124183600			
Order product name	MASTER MHN-SA 2000W/956 400V XW HO			
	UNP/1			
EAN/UPC - Product	8718291548423			
Order code	928195105129			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	1			
Material Nr. (12NC)	928195105129			
Net Weight (Piece)	90.000 g			

Dimensional drawing



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Photometric data

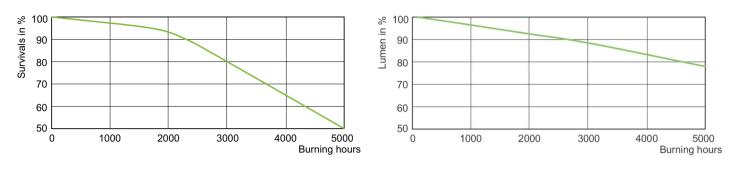


LDPO_MHN-SA_0004-Spectral power distribution Colour

Product	D (max)	0	х	А	C (max)
MASTER MHN-SA 2000W/956	41 mm	25 mm	34 mm	226 mm	369 mm
400V XW HO UNP/1					

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Lifetime



LDLE_MHN-SA_0006-Life expectancy diagram

LDLM_MHN-SA_0006-Lumen maintenance diagram



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