



# MASTER MHN-SA

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

Compact quartz metal halide lamps with double-pinches

## Product data

### • Product Data

Order code	200792 00
Full product code	871150020079200
Full product name	MASTER MHN-SA 2000W/956 400V XW UNP
Order product name	MASTER MHN-SA 2000W/956 400V XW UNP
Pieces per pack	1
Packing configuration	1
Packs per outerbox	1
Bar code on pack - EAN1	8711500200792
Bar code on outerbox - EAN3	8711500200792
Logistic code(s) - 12NC	928099105129
ILCOS code	MN-2000-E-X830R-/H
Net weight per piece	0.107 kg

### • General Characteristics

Cap-Base	X830R
Cap-Base Information	na [-]
Bulb	TD40 [TD 40mm]
Bulb Finish	Clear
Burning Position	p15 [Parallel +/-15D or Horizontal(HOR)]
Life to 5% failures	1800 hr
Life to 10% failures	2300 hr
Life to 20% failures	3000 hr
Life to 50% failures	5000 hr

### • Electrical Characteristics

Lamp Wattage	2000 W
Lamp Wattage EM	2040.0 W
Voltage	400 V

Lamp Voltage	205 V
Lamp Current EM	11.3 A
Dimmable	no

### • Environmental Characteristics

Mercury (Hg) Content	25 mg
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### • Light Technical Characteristics

Colour Code	956 [CCT of 5600K]
Colour Rendering Index	88 (min), 90 (nom) Ra8
Colour Designation	Daylight
Colour Temperature	5600 K
Colour Temperature Technical	5600 K
Chromaticity Coordinate X	330 -
Chromaticity Coordinate Y	362 -
Lamp Luminous Flux EM	200000 Lm
Lamp Luminous Efficacy EM	98 Lm/W
Lumen Maintenance 2000h	78 %
Lumen Maintenance 5000h	60 %
Average Luminance EM	7500 cd/cm <sup>2</sup>
Lumen Maintenance 1000h	87 %

# PHILIPS

sense and simplicity

# MASTER MHN-SA

## • UV-related Characteristics

Specific Eff. Radiant Power 60 mW/klm

## • Product Dimensions

Base Face to Base Face A 318 mm  
Overall Length C 369 mm

Diameter D 41 mm  
Arc Length O 25 mm  
Cable Length X 25 mm

## • Luminaire Design Requirements

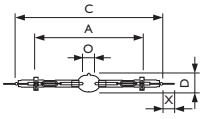
Pinch Temperature 300 C  
Bulb Temperature 980 C

## Warnings and Safety

• Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)

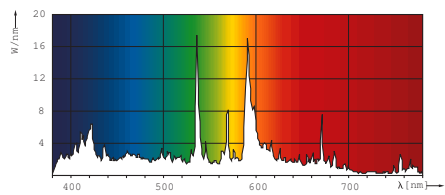
• The luminaire must be able to contain hot lamp parts if the lamp ruptures

## Dimensional drawing



Product	A (Norm)	C (Max)	D (Max)	O (Norm)	X (Norm)
MI-HI-SA 2000W/956 400V XW	318	369	41	25	25

## Photometric data



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data subject to change