



# MASTER MHN-SE

MASTER MHN-SE 2000W/956 GX22 400V HO

Very compact quartz metal halide lamps with single-pin GX-22 lamp cap

## Product data

### • General Characteristics

Cap-Base	GX22
Cap-Base Information	na [-]
Bulb	TD40 [TD 40mm]
Bulb Finish	Clear
Burning Position	any [Any/Universal]
Life to 5% failures	1300 hr
Life to 10% failures	1650 hr
Life to 20% failures	2100 hr
Life to 50% failures	3000 hr

### • Light Technical Characteristics

Colour Code	956 [CCT of 5600K]
Colour Rendering Index	84 Ra8
Colour Designation	Daylight
Colour Temperature	5600 K
Colour Temperature Technical	5600 K
Lamp Luminous Flux EM	220000 Lm
Lamp Luminous Efficacy EM	108 Lm/W
Lumen Maintenance 1000h	95 %
Lumen Maintenance 2000h	91 %
Chromaticity Coordinate X	338 -
Chromaticity Coordinate Y	368 -

### • Electrical Characteristics

Lamp Wattage	2000 W
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Lamp Wattage EM 25°C, Nominal	2000.0 W
Lamp Wattage EM 25°C, Rated	2100.0 W
Voltage	400 V
Lamp Voltage	210 V
Lamp Current EM	11.2 A
Dimmable	no

### • Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Energy consumption kWh/1000h	2310 kWh

### • UV-related Characteristics

Specific Eff. Radiant Power	60 mW/klm
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### • Luminaire Design Requirements

Pinch Temperature	450 (max) C
Bulb Temperature	1015 (max) C

### • Product Dimensions

Overall Length C	198 (max) mm
Diameter D	41 (max) mm
Arc Length O	25 mm

### • Product Data

Order code	928778 00
Full product code	872790092877800

**PHILIPS**

# MASTER MHN-SE

Full product name MASTER MHN-SE 2000W/956 GX22  
400V HO  
Order product name MASTER MHN-SE 2000W/956 GX22  
400V HO  
Pieces per pack 1  
Packing configuration 1  
Packs per outerbox 1

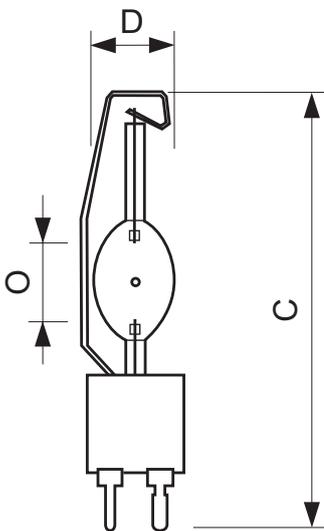
Bar code on pack - EAN1 8718291548461  
Bar code on outerbox - EAN3 8727900928778  
Logistic code(s) - 12NC 928196905130  
Net weight per piece 0.152 kg

## 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

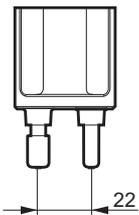
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

## Dimensional drawing



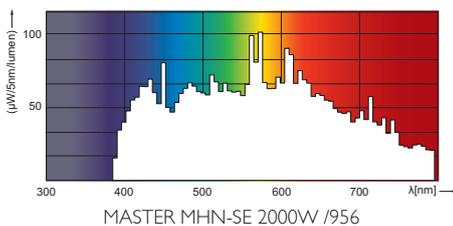
### MASTER MHN-SE 2000W/956 GX22 400V HO

Product	C (Max)	D (Max)	O (Norm)
MHN-SE 2000W/956 GX22 400V HO	198	41	25



GX22

## Photometric data





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data subject to change