



# MASTER MHN-SE

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

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

### 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.

### Product data

General Information		Lamp Luminous Efficacy EM (Nom)	
Cap base	GX22 [ GX22]	Lamp Luminous Efficacy EM (Nom)	108 lm/W
Burning Position	UNIVERSAL [ Any/Universal]	Colour Rendering Index,horiz (Min)	-
Life to 5% failures (nom.)	1300 h	Colour Rendering Index,horiz (Nom)	84
Life to 10% failures (nom.)	1650 h	<b>Operating and Electrical</b>	
Life to 20% failures (nom.)	2100 h	Lamp supply voltage	400 V [ 400]
Life to 50% failures (nom.)	3000 h	Power (Rated) (Nom)	2100.0 W
<b>Light Technical</b>		Lamp current (EM) (nom.)	11.5 A
Colour Code	956 [ CCT of 5,600 K]	Ignition supply voltage (min.)	360 V
Lamp Luminous Flux (Min)	215000 lm	Voltage (Max)	225 V
Lamp Luminous Flux (Nom)	227000 lm	Voltage (Min)	190 V
Colour Designation	Daylight	Voltage (Nom)	210 V
Lumen maintenance 1,000 hours (nom.)	95 %	<b>Controls and Dimming</b>	
Lumen maintenance 2,000 hours (nom.)	91 %	Dimmable	No
Chromaticity coordinate X (nom.)	334	<b>Mechanical and Housing</b>	
Chromaticity coordinate Y (nom.)	366	Lamp Finish	Clear
Colour Temperature, horizontal (Nom)	5600 K		

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Cap-base information	na [-]
Bulb shape	TD40 [ TD 40mm]

## Approval and Application

Mercury (Hg) content (nom.)	215 mg
Energy consumption kWh/1,000 hours	2310 kWh

## UV

Specific eff. radiant power	60 mW/klm
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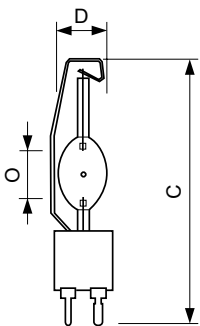
## Luminaire Design Requirements

Bulb temperature (max.)	1015 °C
Pinch temperature (max.)	450 °C

## Product Data

Full product code	872790092877800
Order product name	MASTER MHN-SE 2000W/956 GX22 400V HO UNP
EAN/UPC – product	8718291548461
Order code	928196905130
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	928196905130
SAP net weight (piece)	0.152 kg

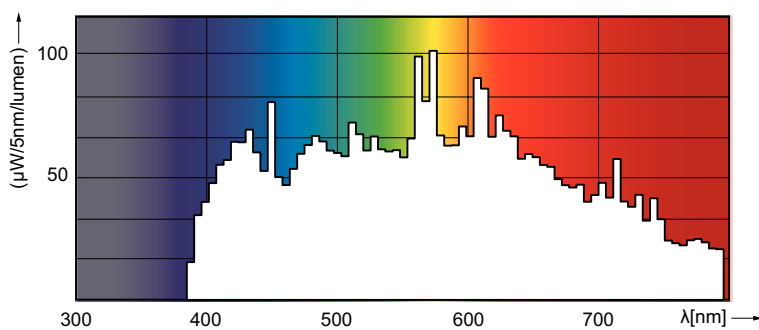
## Dimensional drawing



MHN-SE 2000W/956 GX22 400V HO

Product	D (max)	O	C (max)
MASTER MHN-SE 2000W/956 GX22 400V HO	41 mm	25 mm	198 mm
UNP			

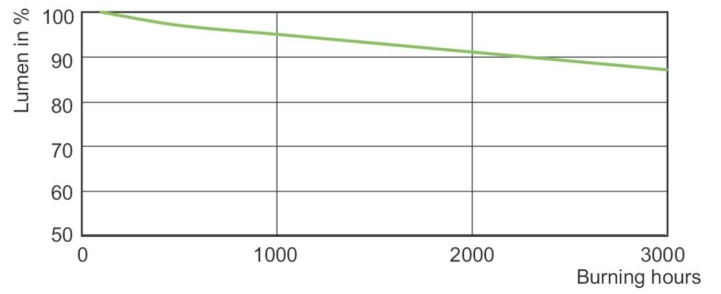
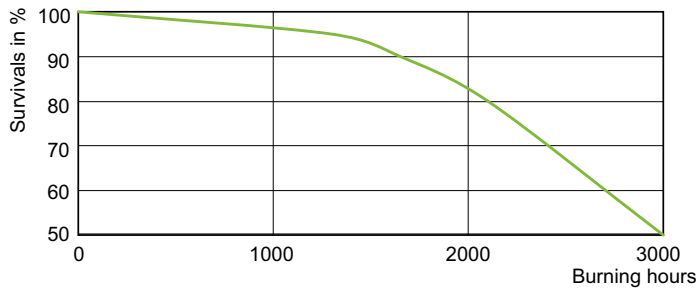
## Photometric data



LDPO\_MHN-SE\_2000W\_956-Spectral power distribution Colour

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## Lifetime



LDLE\_MHN-SE\_0001-Life expectancy diagram

LDLM\_MHN-SE\_0001-Lumen maintenance diagram

