



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	
Cap base	GX22 [GX22]
Burning Position	UNIVERSAL [Any/Universal]
Life to 5% failures (nom.)	1300 h
Life to 10% failures (nom.)	1650 h
Life to 20% failures (nom.)	2100 h
Life to 50% failures (nom.)	3000 h
Light Technical	
Colour Code	956 [CCT of 5,600 K]
Lamp Luminous Flux (Min)	215000 lm
Lamp Luminous Flux (Nom)	227000 lm
Colour Designation	Daylight
Lumen maintenance 1,000 hours (nom.)	95 %
Lumen maintenance 2,000 hours (nom.)	91 %
Chromaticity coordinate X (nom.)	334
Chromaticity coordinate Y (nom.)	366
Colour Temperature, horizontal (Nom)	5600 K

Lamp Luminous Efficacy EM (Nom)	108 lm/W
Colour Rendering Index,horiz (Min)	-
Colour Rendering Index,horiz (Nom)	84
Operating and Electrical	
Lamp supply voltage	400 V [400]
Power (Rated) (Nom)	2100.0 W
Lamp current (EM) (nom.)	11.5 A
Ignition supply voltage (min.)	360 V
Voltage (Max)	225 V
Voltage (Min)	190 V
Voltage (Nom)	210 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear

MASTER MHN-SE

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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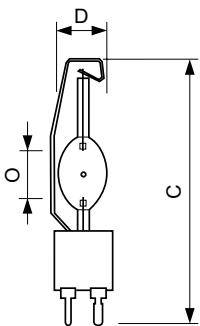
Luminaire Design Requirements

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

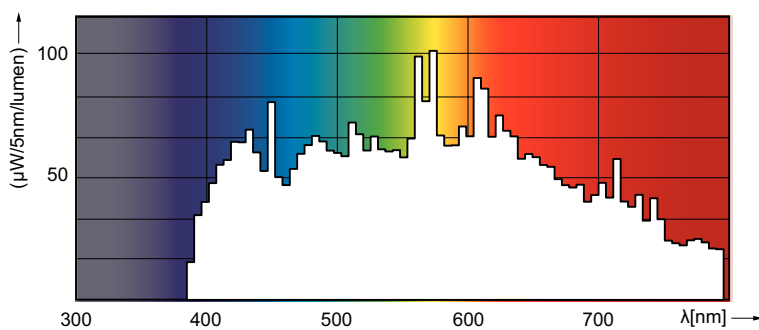
Dimensional drawing



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			

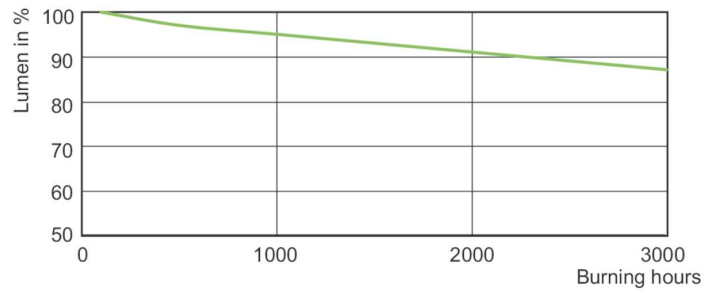
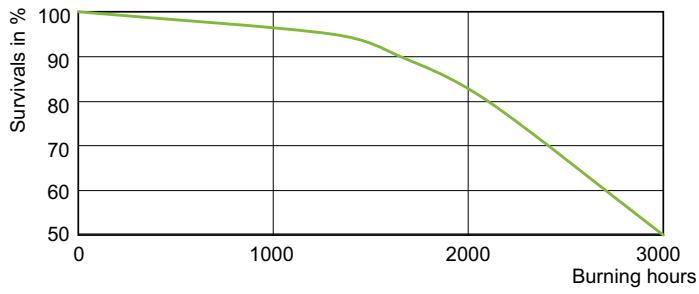
Photometric data



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

