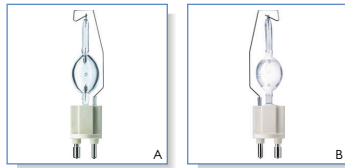


Quartz Metal Halide MASTER MHN-SE



Product Description

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

Product Benefits

- Allows compact, highly efficient luminaire systems with high-precision optics for good beam control and minimal light spill
- Very good color rendering creates a pleasant ambience with high visual comfort for players and spectators
- Continuous spectral distribution offers a superior solution for professional stadiums with regular TV coverage

Product Features

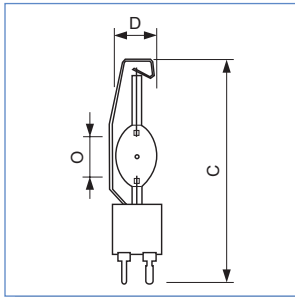
- Single-pin concept for superior optical performance
- High luminous efficacy
- Natural white color appearance, very good color rendering and good color stability
- Daylight color temperature eases transition from daylight to artificial lighting

Application

- Professional sports lighting

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC 61167, IEC 62035, IEC 60598)
- 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.



C	D	O
max.	max.	nom.
198	41	25

Type	Wattage/ Colour Code		Voltage	Version	Packing type	Packing configuration	Colour Temperature (K)	Luminous Flux Lamp EM (lm)	Energy consumption kWh/1000h (kWh)		Photo letter	Ordering number
MASTER MHN-SE	2000W/956	GX22	400V		UNP	I	5,600	202,000			A	871150021257300
MASTER MHN-SE	2000W/956	GX22	400V	HO	NO	I	5,600	220,000	2,310	A+	B	872790092877800

4-20151001

Additional technical data

Product name	Color Rendering Index (R _a)	Voltage (V)	Lamp Voltage (V)	Bulb	Bulb Finish	Bulb Temperature (°C [max.])	Operating Position
MASTER MHN-SE 2000W/956 GX22 400V HO	84	400	210	TD40	Clear	1015	Any
MASTER MHN-SE 2000W/956 GX22 400V	90	400	205	TD40	Clear	980	Any

Product name	Dimmable	Lamp Wattage EM 25°C, Nominal (W)	Lamp Wattage EM 25°C, Rated (W)	Lamp Current EM (A)	Luminous Efficacy Lamp EM (lm/W)	Life to 5% failures (h)	Life to 10% failures (h)	Life to 50% failures (h)	Mercury (Hg) Content (mg)
MASTER MHN-SE 2000W/956 GX22 400V HO	no	2000	2100	11.2	108	1300	1650	3000	215
MASTER MHN-SE 2000W/956 GX22 400V	no	2000	2000	11.6	100	1300	1650	2500	-

3rd additional technical data

Product name	Lamp Wattage EM 25°C, Nominal (W)
MASTER MHN-SE 2000W/956 GX22 400V HO	2000
MASTER MHN-SE 2000W/956 GX22 400V	2000

Logistic data

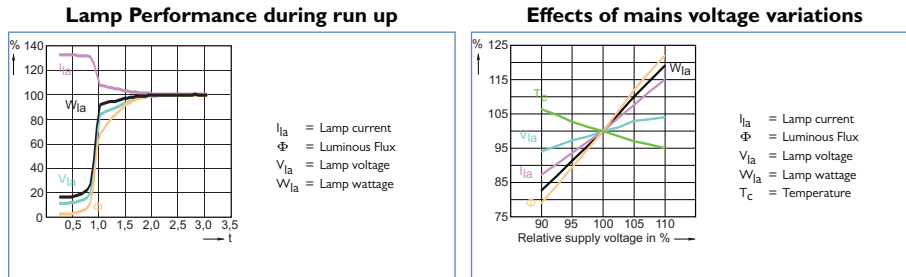
Product name	Packing type	Packing type description	Packs per outer box	Packing configuration
MASTER MHN-SE 2000W/956 GX22 400V HO	no	-		
MASTER MHN-SE 2000W/956 GX22 400V	UNP	Unpacked		

Quartz Metal Halide MASTER MHN-SE

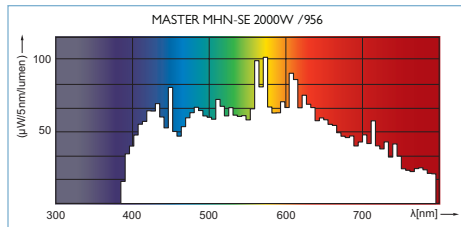
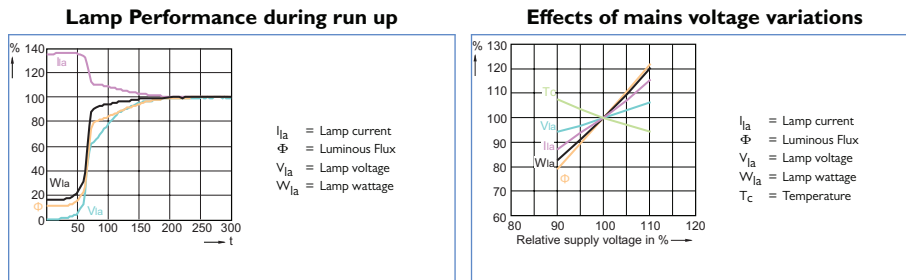
Product name	Quantity per pack	Packing length (mm)	Packing width (mm)	Packing height (mm)	Gross weight per piece (g)	Net weight per piece (g)
MASTER MHN-SE 2000W/956 GX22 400V HO	1	140	115	305	312	152
MASTER MHN-SE 2000W/956 GX22 400V	1	142	120	307	378	200

Performance diagrams

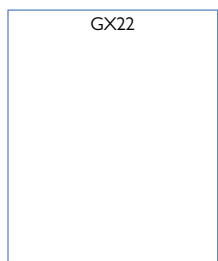
MASTER MHN-SE 2000W HO



MASTER MHN-SE 2000W



Cap/base



Additional extended technical data

Product name	Chromaticity Coordinate X	Chromaticity Coordinate Y	Ignition Supply Voltage (V [min.])	Color Designation (text)
MASTER MHN-SE 2000W/956 GX22 400V HO	338	368	360	Daylight
MASTER MHN-SE 2000W/956 GX22 400V	320	355	360	Daylight

Quartz Metal Halide
MASTER MHN-SE

Burning position

