

MASTER MHN-SB

MASTER MHN-SB 2000W/956 400V K12s-7 WH HO

Compact quartz metal halide lamp with single pinch

Product data

• General Information

Cap-Base	CABLE [Cable]
Operating Position	P15 [Parallel +/-15D or Horizontal(HOR)]
Life To 5% Failures (Nom)	1700 h
Life To 10% Failures (Nom)	2300 h
Life To 20% Failures (Nom)	3000 h
Life To 50% Failures (Nom)	4500 h

• Light Technical

Colour Code	956 [CCT of 5600K]
Luminous Flux (Rated) (Min)	215000 lm
Luminous Flux (Rated) (Nom)	220000 lm
Colour Designation	Daylight
Lumen Maintenance 1000 h (Nom)	95 %
Lumen Maintenance 2000 h (Nom)	91 %
Chromaticity Coordinate X (Nom)	334
Chromaticity Coordinate Y (Nom)	366
Colour Temperature, horizontal (Nom)	5600 K
Luminous Efficacy (rated) (Nom)	108 lm/W
Colour Rendering Index horiz (Min)	-
Colour Rendering Index horiz (Nom)	81

• Operating and Electrical

Lamp supply voltage	400 V [400]
Power (Rated) (Nom)	2070.0 W
Lamp Current Run-Up (Max)	17 A
Lamp Current (EM) (Nom)	11.8 A
Ignition Supply Voltage (Min)	360 V
Voltage (Max)	220 V
Voltage (Min)	185 V
Voltage (Nom)	205 V

• Controls and Dimming

Dimmable	No

• Mechanical and Housing

Bulb Finish	Clear (CL)
Cap-Base Information	na [-]

• Approval and Application

Energy Efficiency Label	A+
Mercury (Hg) Content (Nom)	220 mg
Energy Consumption kWh/1000 h	2277 kWh

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MASTER MHN-SB

- UV

Specific Eff. Radiant Power	60 mW/klm

- Luminaire Design Requirements

Bulb Temperature (Max)	1015 °C
Pinch Temperature (Max)	450 °C

- Product Data

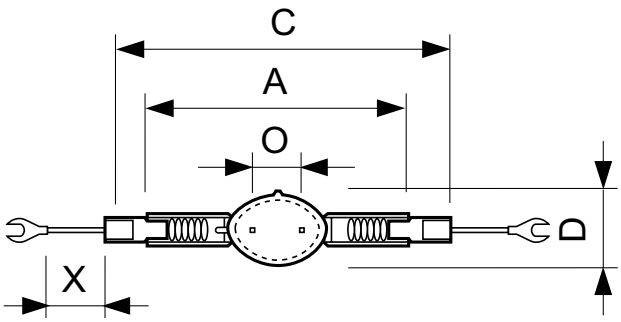
Full product code	872790092860000

Order product name	MASTER MHN-SB 2000W/956 400V K12s-7 WH HO
EAN/UPC - Product	8718291548454
Order code	92860000
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	928196805130
Net Weight (Piece)	0.058 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



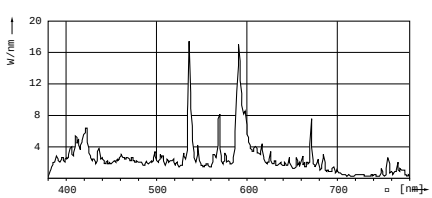
MHN-SB, K12s-7

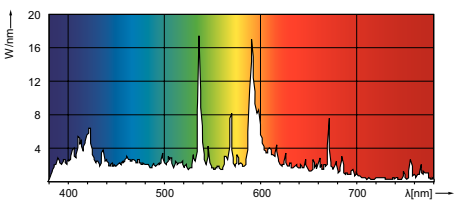


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Product	D	O	X	A	C
MASTER MHN-SB 2000W/956 400V K12s-7 WH HO	41 mm	25 mm	50 mm	157 mm	188 mm

Photometric data





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