



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
Bulb Shape	TD40 [TD 40mm]
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

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

Color Rendering Index (Nom)	81
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• 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
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• Mechanical and Housing

Bulb Finish	Clear
Cap-Base Information	-

• Approval and Application

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

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• 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

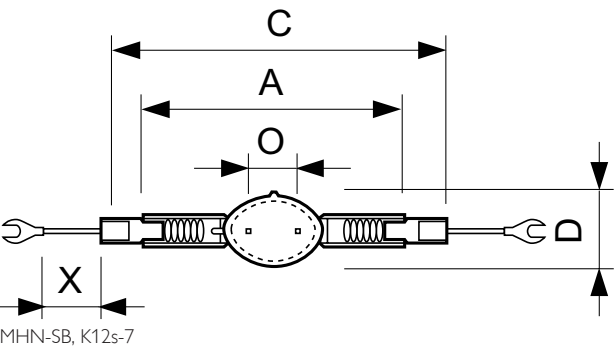
Order product name MASTER MHN-SB 2000W/956 400V
K12s-7 WH HO
EAN/UPC - Product 8718291548454
Order code 928196805130
Numerator - Quantity Per Pack 1
Numerator - Packs per outer box 1
Material Nr. (12NC) 928196805130
Net Weight (Piece) 0.058 kg

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

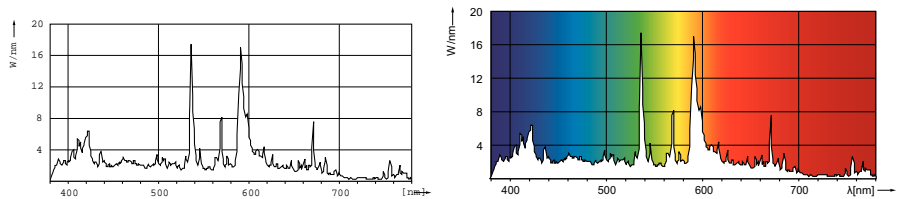


MHN-SB 2000W/956 400V K12s-7 WH HO

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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