



# **MASTER MHN-SB**

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

Compact quartz metal halide lamp with single pinch

#### **Warnings and Safety**

- $\cdot$  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	CABLE [ Cable]			
Operating Position	P15 [ Horizontal +/-15D]			
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 [ 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
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

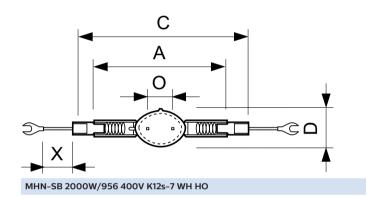
Datasheet, 2021, December 17 data subject to change

# **MASTER MHN-SB**

Mechanical and Housing				
Bulb Finish	Clear			
Cap-Base Information	na [ -]			
Bulb Shape	TD40 [ TD 40mm]			
Approval and Application				
Mercury (Hg) Content (Nom)	215 mg			
Energy Consumption kWh/1000 h	2277 kWh			
UV				
Specific Eff. Radiant Power	60 mW/klm			
Luminaire Design Requirements				
Bulb Temperature (Max)	1015 °C			

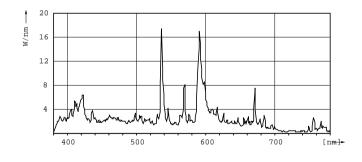
Pinch Temperature (Max)	450 °C
Product Data	
Full product code	872790092860000
Order product name	MASTER MHN-SB 2000W/956 400V K12s-7 WH
	НО
EAN/UPC - Product	8718291548454
Order code	928196805130
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	928196805130
Net Weight (Piece)	0.058 kg

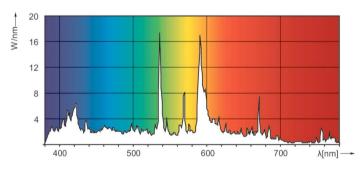
# Dimensional drawing



Product	D (max)	0	х	Α	C (max)
MASTER MHN-SB 2000W/956	41 mm	25 mm	50 mm	157 mm	188 mm
400V K12s-7 WH HO					

### Photometric data



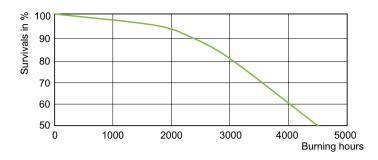


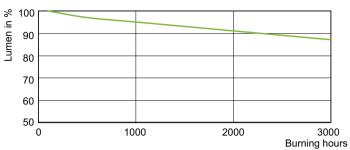
MHN-SB 2000W /956

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## **MASTER MHN-SB**

### Lifetime





MHN-SB 2000 W Life Expectancy /956 HO

MHN-SB 2000 W Lumen Maintenance /956 HO



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