



MASTER MHN-SA

MASTER MHN-SA 1800W/956 (P)SFC 400V

Compact quartz metal halide lamps with double-pinch

Product data

General Information	
Cap-Base	(P)SFC [(P)SFC]
Operating Position	P15 [Parallel +/-15D or Horizontal(HOR)]
Life to 5% Failures (Nom)	1700 h
Life To 10% Failures (Nom)	2400 h
Life to 20% Failures (Nom)	3600 h
Life to 50% Failures (Nom)	6100 h
Light Technical	
Colour Code	956 [CCT of 5600K]
Luminous Flux (Rated) (Nom)	160000 lm
Colour Designation	Daylight
Lumen Maintenance 1000 h (Nom)	90 %
Lumen Maintenance 2000 h (Nom)	81 %
Lumen Maintenance 5000 h (Nom)	71 %
Chromaticity Coordinate X (Nom)	330
Chromaticity Coordinate Y (Nom)	339
Colour Temperature, horizontal (Nom)	5600 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Colour Rendering Index horiz (Nom)	86
Operating and Electrical	
Lamp supply voltage	400 V [400]
Power (Rated) (Nom)	1850.0 W
Lamp Current Run-Up (Max)	15 A
Lamp Current (EM) (Nom)	10.5 A

Ignition Supply Voltage (Min)	342 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	20-6
Approval and Application	
Energy Efficiency Label	A+
Mercury (Hg) Content (Nom)	250 mg
Energy Consumption kWh/1000 h	2035 kWh
Luminaire Design Requirements	
Bulb Temperature (Max)	980 °C
Pinch Temperature (Max)	300 °C
Product Data	
Full product code	871150020076100
Order product name	MASTER MHN-SA 1800W/956 (P)SFC 400V
EAN/UPC - Product	8718291548270
Order code	20076100

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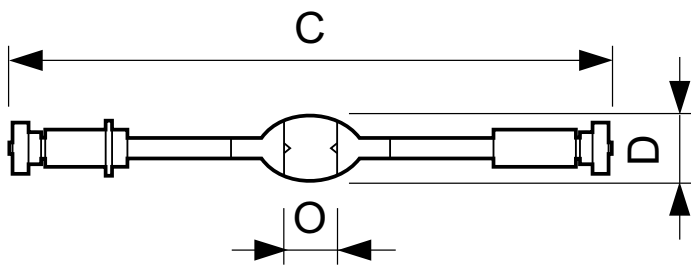
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	928079315130
Net Weight (Piece)	0.220 kg

ILCOS Code	MN-1800-E-PSFc20=6-/H
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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.

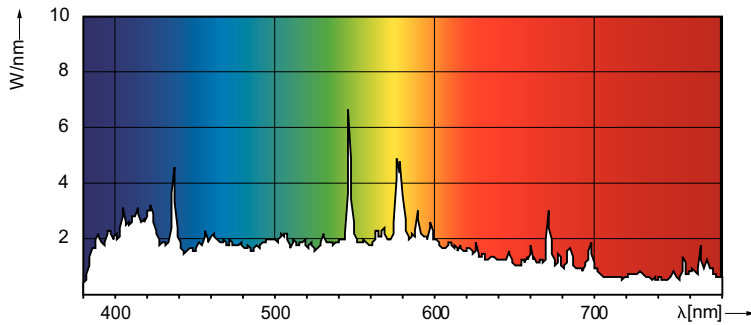
Dimensional drawing



Product	D (max)	O	C (max)
MASTER MHN-SA 1800W/956 (P)SFC 400V	41 mm	25 mm	364 mm

MHN-SA 1800W/956 (P)SFC/20-6 400V

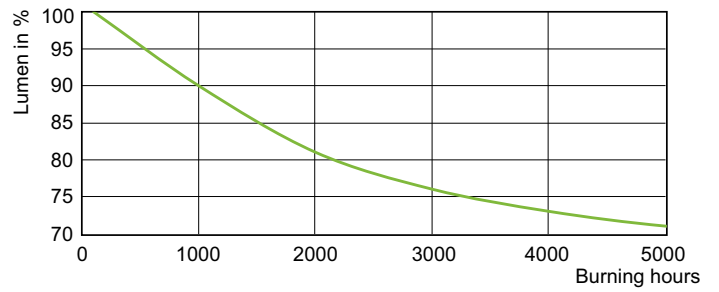
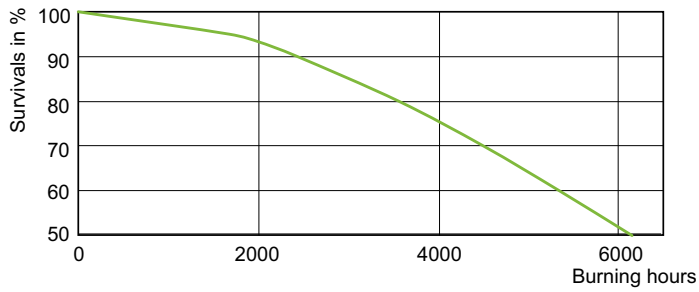
Photometric data



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Lifetime



MHN-SA 1800 W Life Expectancy/956 400 V

MHN-SA 1800 W Lumen Maintenance /956 400 V

