



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 5,600 K]
Luminous flux (rated) (nom.)	160000 lm
Colour designation	Daylight
Lumen maintenance 1,000 hours (nom.)	90 %
Lumen maintenance 2,000 hours (nom.)	81 %
Lumen maintenance 5,000 hours (nom.)	71 %
Chromaticity coordinate X (nom.)	330
Chromaticity coordinate Y (nom.)	339
Correlated colour temperature (nom.)	5600 K
Luminous efficacy (rated) (nom.)	86 lm/W
Color rendering index (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 (EEL)	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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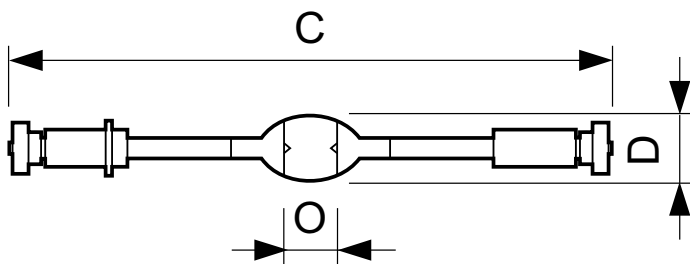
Local Code	4151800MHNSA956
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	928079315130

Net weight (piece)	0.220 kg
ILCOS Code	MN-1800-E-PSFc20=6-/H

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.

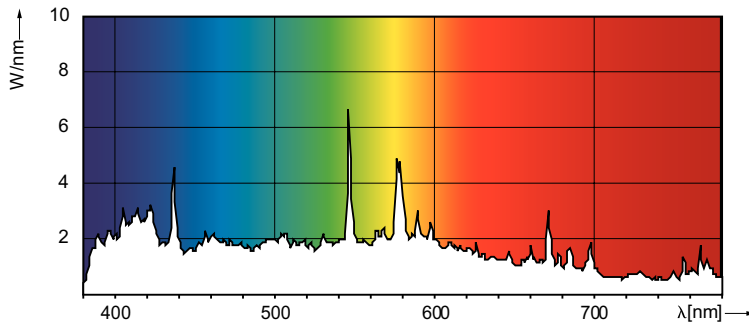
Dimensional drawing



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

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Photometric data



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Lifetime

