

MASTER MHN-SA

MASTER MHN-SA 1800W/956 (P)SFC 230V

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)	1300 h
Life To 10% Failures (Nom)	2000 h
Life To 20% Failures (Nom)	3200 h
Life To 50% Failures (Nom)	6100 h

• Light Technical

Color Code	956 [CCT of 5600K]
Luminous Flux (Rated) (Nom)	155000 lm
Color Designation	Daylight
Lumen Maintenance 1000 h (Nom)	95 %
Lumen Maintenance 2000 h (Nom)	91 %
Lumen Maintenance 5000 h (Nom)	76 %
Chromaticity Coordinate X (Nom)	330
Chromaticity Coordinate Y (Nom)	339
Correlated Color Temperature (Nom)	5600 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Color Rendering Index (Nom)	86

• Operating and Electrical

Lamp supply voltage	230 V [230]
Power (Rated) (Nom)	1800.0 W
Lamp Current Run-Up (Max)	25 A
Lamp Current (EM) (Nom)	17.3 A
Ignition Supply Voltage (Min)	198 V
Voltage (Max)	130 V
Voltage (Min)	110 V
Voltage (Nom)	120 V

• Controls and Dimming

Dimmable	No

• Mechanical and Housing

Bulb Finish	Clear
Cap-Base Information	20-6

• Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	92 mg
Energy Consumption kWh/1000 h	1980 kWh

• Luminaire Design Requirements

Bulb Temperature (Max)	980 °C

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Pinch Temperature (Max)	300 °C

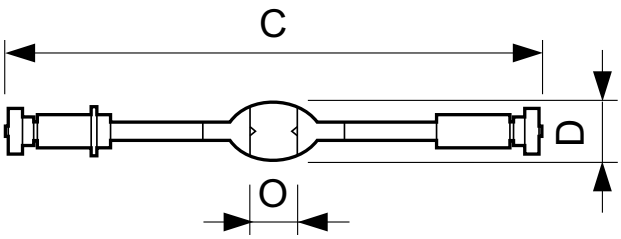
- Product Data

Full product code	871150020075400
Order product name	MASTER MHN-SA 1800W/956 (P)SFC 230V
EAN/UPC - Product	8718291548263
Order code	928078415130
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	928078415130
Net Weight (Piece)	0.219 kg
ILCOS Code	MN-1800-H-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.

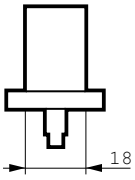
Dimensional drawing



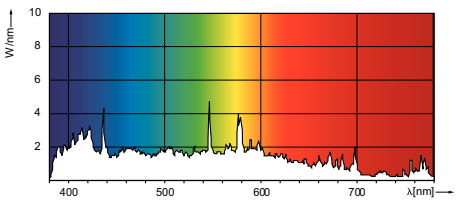
MHN-SA, (P)SFC

MHN-SA 1800W/956 (P)SFC/20-6 230V

Product	D	O	C
MASTER MHN-SA 1800W/956 (P)SFC 230V	41 mm	25 mm	364 mm



Photometric data



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