

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

Color Code	956 [CCT of 5600K]
Luminous Flux (Rated) (Nom)	160000 lm
Color 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
Correlated Color 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
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

PHILIPS

MASTER MHN-SA

Pinch Temperature (Max)	300 °C

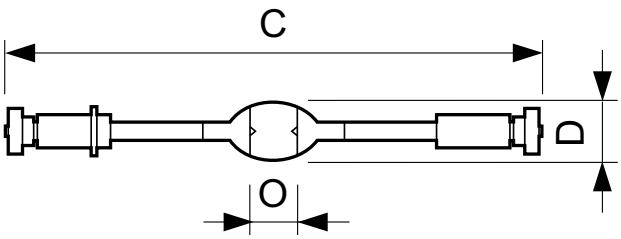
- Product Data

Full product code	871150020076100
Order product name	MASTER MHN-SA 1800W/956 (P)SFC 400V
EAN/UPC - Product	8718291548270
Order code	928079315130
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

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.

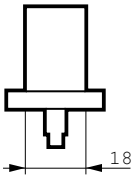
Dimensional drawing



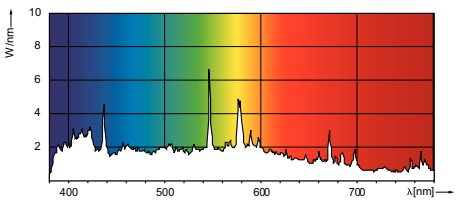
MHN-SA, (P)SFC

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

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



Photometric data



© 2016 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2016, March 11
data subject to change