

# Lighting

**PHILIPS** 

# **MASTER MHN-SA**

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

Compact quartz metal halide lamps with double-pinch

#### Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- $\cdot$  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	(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]

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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

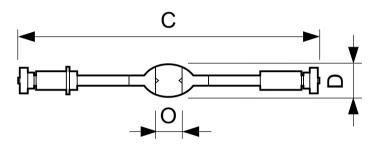
Color Rendering Index (Nom)	86
Operating and electrical	
Lamp supply voltage	230 V [ 230]
Power (Nom)	1800.0 W
Lamp Current Run-Up (Max)	25 A
Lamp Current (EM) (Nom)	17.3 A
Ignition Supply Voltage (Min)	198 V
Voltage (Max)	130 V
Voltage (Min)	110 V
Voltage (Nom)	120 V
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Finish	Clear
Cap-Base Information	20-6
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Bulb Shape	TD40 [ TD 40mm]	
Approval and application		
Mercury (Hg) Content (Nom)	92 mg	
Energy Consumption kWh/1000 h	1980 kWh	
Luminaire design requirements		
Bulb Temperature (Max)	980 °C	
Pinch Temperature (Max)	300 ℃	
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		

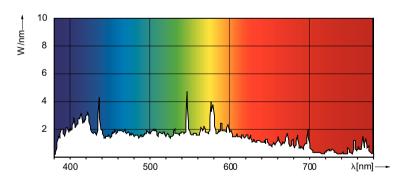
## Dimensional drawing



Product	D (max)	0	C (max)
MASTER MHN-SA 1800W/956 (P)SFC 230V	41 mm	25 mm	364 mm

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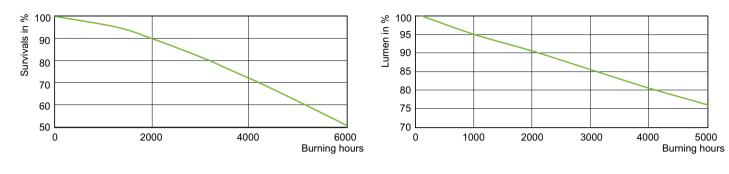
### Photometric data



LDPO\_MHN-SA\_1800W\_230V-Spectral power distribution Colour

# **MASTER MHN-SA**

Lifetime



LDLE\_MHN-SA\_0004-Life expectancy diagram

LDLM\_MHN-SA\_0004-Lumen maintenance diagram



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