



# MASTER MHN-SA

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

Compact quartz metal halide lamps with double-pin

## Product data

### • Product Data

Order code	200761 00
Full product code	871150020076100
Full product name	MASTER MHN-SA 1800W/956 (P)SFC 400V UNP
Order product name	MASTER MHN-SA 1800W/956 (P)SFC 400V UNP
Pieces per pack	1
Packing configuration	1
Packs per outerbox	1
Bar code on pack - EAN1	8711500200761
Bar code on outerbox - EAN3	8711500200761
Logistic code(s) - 12NC	928079315130
ILCOS code	MN-1800-E-PSFc20=6-/H
Net weight per piece	0.220 kg

### • General Characteristics

Cap-Base	(P)SFC
Cap-Base Information	20-6
Bulb	TD40 [TD 40mm]
Bulb Finish	Clear
Burning Position	p15 [Parallel +/-15D or Horizontal(HOR)]
Life to 5% failures	1800 hr
Life to 10% failures	2300 hr
Life to 20% failures	2300 hr
Life to 50% failures	5000 hr

### • Electrical Characteristics

Lamp Wattage	1800 W
Lamp Wattage EM	1850.0 W
Voltage	400 V

Lamp Voltage	205 V
Lamp Current EM	10.5 A
Dimmable	no

### • Environmental Characteristics

Mercury (Hg) Content	250 mg
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### • Light Technical Characteristics

Colour Code	956 [CCT of 5600K]
Colour Rendering Index	90 Ra8
Colour Designation	Daylight
Colour Temperature	5600 K
Colour Temperature Technical	5600 K
Chromaticity Coordi- nate X	330 -
Chromaticity Coordi- nate Y	339 -
Lamp Luminous Flux EM	160000 Lm
Lamp Luminous Effi- cacy EM	86 Lm/W
Lumen Maintenance 2000h	75 %
Lumen Maintenance 5000h	55 %
Average Luminance EM	6700 cd/cm <sup>2</sup>
Lumen Maintenance 1000h	87 %

# PHILIPS

sense and simplicity

# MASTER MHN-SA

## • Product Dimensions

Overall Length C	364 mm
Diameter D	41 mm
Arc Length O	25 mm

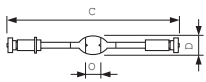
## • Luminaire Design Requirements

Pinch Temperature	300 C
Bulb Temperature	980 C

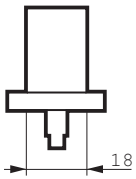
## Warnings and Safety

- 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

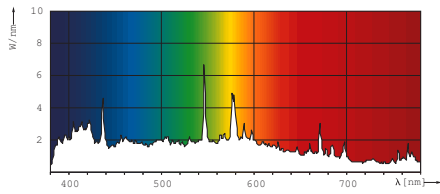
## Dimensional drawing



Product	A (Norm)	C (Max)	D (Max)	O (Norm)	X (Norm)
MHN-SA 1800W/956 (P)SFC/20-6 400V	-	364	41	25	-



## Photometric data



MASTER MHN-SA 1800W 400V /956



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data subject to change