



MASTER MHN-SA

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

Compact quartz metal halide lamps with double-pin

Product data

• General Characteristics

Cap-Base	(P)SFC
Cap-Base Information	20-6
Bulb	TD40 [TD 40mm]
Bulb Finish	Clear
Operating Position	p15 [Parallel +/-15D or Horizontal(HOR)]
Life to 5% failures	1300 hr
Life to 10% failures	2000 hr
Life to 20% failures	3200 hr
Life to 50% failures	6100 hr

• Light Technical Characteristics

Color Code	956 [CCT of 5600K]
Color Rendering Index	90 Ra8
Color Designation (text)	Daylight
Color Temperature	5600 K
Color Temperature Technical	5600 K
Luminous Flux Lamp EM	155000 Lm
Luminous Efficacy Lamp EM	86 Lm/W
Lumen Maintenance 1000h	95 %
Lumen Maintenance 2000h	91 %
Lumen Maintenance 5000h	76 %
Luminance Average EM	6500 cd/cm ²
Chromaticity Coordinate X	330 -

Chromaticity Coordinate Y 339 -

• Electrical Characteristics

Lamp Wattage	1800 W
Lamp Wattage EM 25°C, Nominal	1800.0 W
Lamp Wattage EM 25°C, Rated	1800.0 W
Voltage	230 V
Lamp Voltage	120 V
Lamp Current EM	17.3 A
Dimmable	No

• Environmental Characteristics

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

• Luminaire Design Requirements

Pinch Temperature	300 (max) C
Bulb Temperature	980 (max) C

• Product Dimensions

Overall Length C	364 (max) mm
Diameter D	41 (max) mm
Arc Length O	25 mm

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• Product Data

Order code 928078415130
 Full product code 928078415130
 Full product name MASTER MHN-SA 1800W/956
 (P)SFC 230V
 Order product name MASTER MHN-SA 1800W/956
 (P)SFC 230V
 Pieces per pack 1
 Packing configuration 1

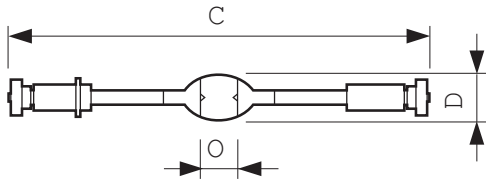
Packs per outerbox 1
 Bar code on pack - EAN1 8718291548263
 Bar code on outerbox - EAN3 8711500200754
 Logistic code(s) - 12NC 928078415130
 ILCOS code MN-1800-H-PSFc20=6-/H
 Net weight per piece 0.219 kg

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

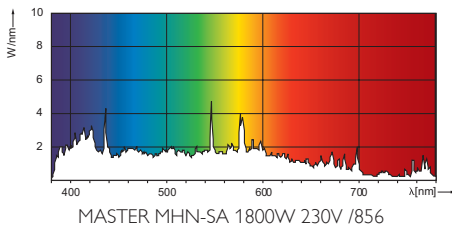
Dimensional drawing



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Product	A (Norm)	C (Max)	D (Max)	O (Norm)	X (Norm)
MHN-SA 1800W/956 (P)SFC/20-6 230V	-	364	41	25	-

Photometric data





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data subject to change