



MASTER MHN-SA 2000W/956 400V XW UNP

Product family description
Compact quartz metal halide lamps with double-pin

Product Features

- Very compact source (Short Arc) with high luminous efficacy and superior colour rendering
- Double-pin concept results in long lifetime
- Natural white colour appearance, high colour rendering and good colour stability
- Daylight colour temperature eases transition from daylight to artificial lighting

Product Benefits

- Allows compact and very efficient luminaire systems with high precision optics for good beam control and minimal spill light
- Very good colour rendering creates a pleasant ambience with high visual comfort for players and spectators
- Continuous spectral distribution offers a superior solution for (semi-) professional stadiums with regular TV coverage

Environment

- This product is RoHS compliant
- This product is covered by WEEE

Application

- Professional sports lighting and floodlighting

Luminaires

- MHN-SA lamps require UV-absorbing and protective front glass and correct thermal behaviour for optimal lamp performance

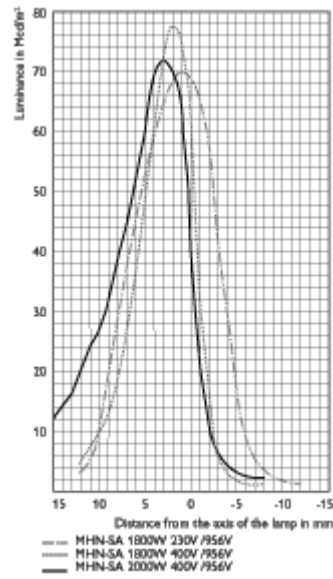
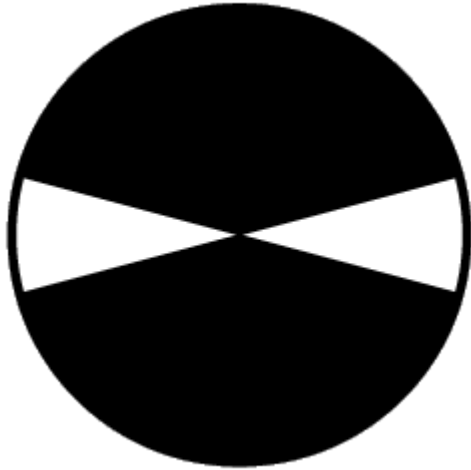
Product data	
Order code	200792 00
Full product code	871150020079200
locod	
Full product name	MASTER MHN-SA 2000W/956 400V XW UNP
Order product name	MASTER MHN-SA 2000W/956 400V XW UNP
Packing type	Unpacked
Pieces per pack	1
Packing configuration	1

Product data	
Packs per outerbox	1
Bar code on pack - EAN1	8711500200792
Bar code on intermediate packing - EAN2	
Bar code on outerbox - EAN3	8711500200792
Logistic code(s) - 12NC	9280 991 05129
ILCOS code	MN-2000-E-X830R-/H
Net weight per piece	0.107 KG
Successor order code	
Cap-Base	X830R
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	3000 hr
Life to 50% failures	5000 hr
Rated Lamp Wattage	2000W
Lamp Wattage EM	2040.0 W
Voltage	400V
Lamp Voltage	205 V
Lamp Current EM	11.3 A
Dimmable	no
Mercury (Hg) Content	25 mg
Colour Code	956 [CCT of 5600K]
Colour Rendering Index	90 Ra8
Colour Designation	Daylight
Colour Temperature	5600 K
Chromaticity Coordinate X	330 -
Chromaticity Coordinate Y	362 -
Lamp Luminous Flux EM	200000 Lm
Lamp Luminous Efficacy EM	98 Lm/W
Lumen Maintenance 2000h	78 %
Lumen Maintenance 5000h	60 %
Average Luminance EM	7500 cd/cm2
Lumen Maintenance 1000h	87 %
Bulb Temperature	980 C



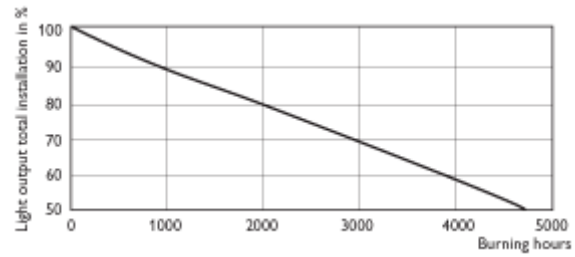
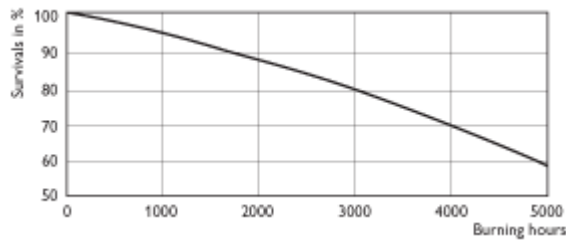
MASTER MHN-SA X830R





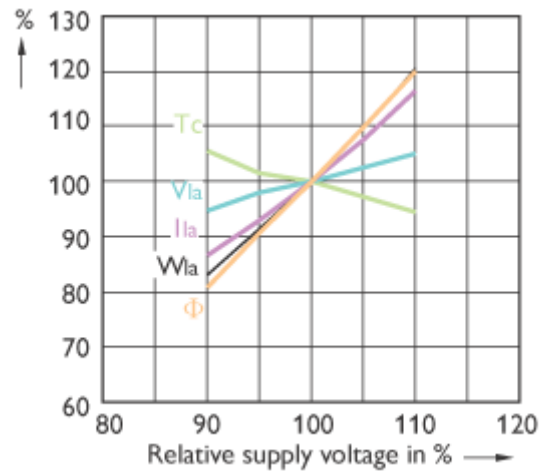
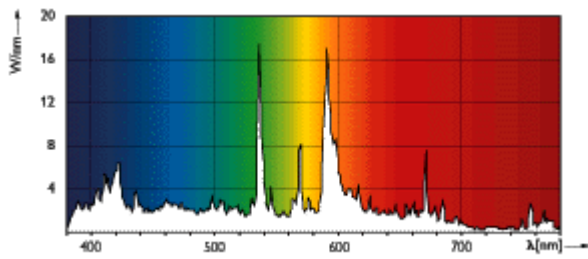
Burning Position p15

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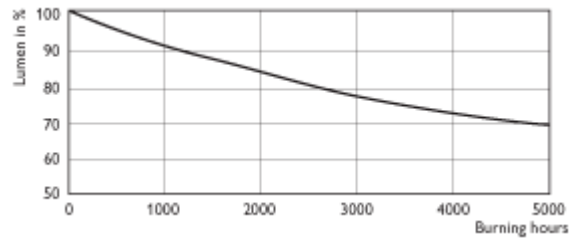
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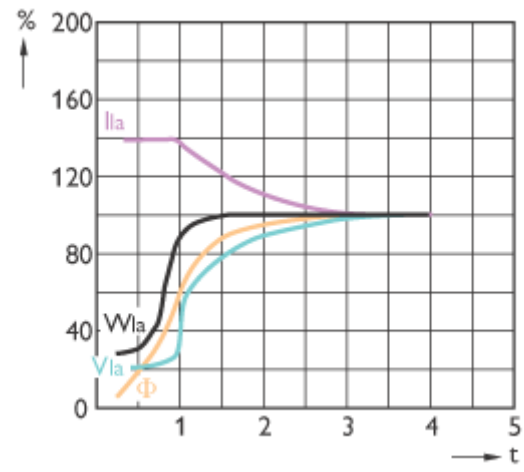
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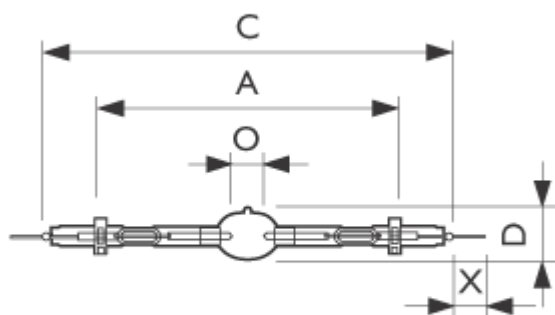
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	D	D	D	O	O	O
Full product name	Max	Max	Max	Nom	Nom	Nom
MASTER MHN-SA 2000W /956 400V XW UNP	41	41	41	25	25	25

	X	X	X
Full product name	Nom	Nom	Nom
MASTER MHN-SA 2000W/956 400V XW UNP	25	25	25

