



2011, March 8
data subject to change

Product Description

MASTER MHN-SA

Compact quartz metal halide lamps with double-pinch

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

Features

- Very compact source (Short Arc) with high luminous efficacy and superior colour rendering
- Double-pinch 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

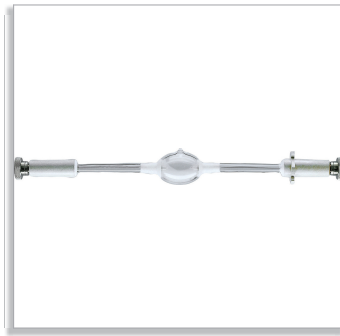
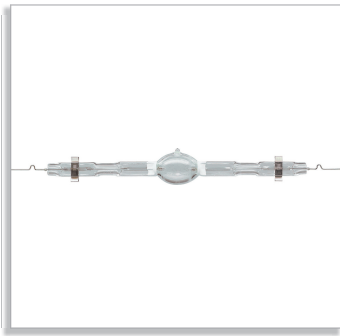
Application

- Professional sports lighting and floodlighting

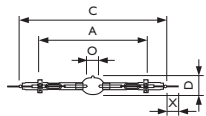
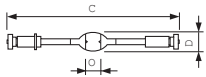
Warnings and Safety

- 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

Related products



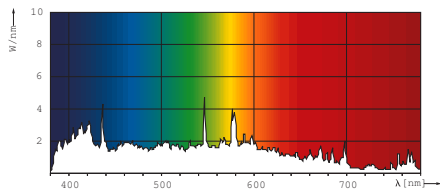
Dimensional drawing



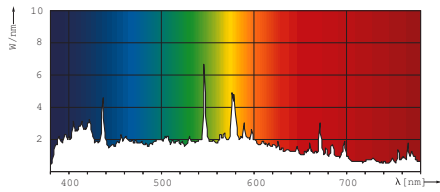
Product	A (Norm)	C (Max)	D (Max)	O (Norm)	X (Norm)
MHN-SA 1800W/956 (P)SFC/20-6 230V	-	364	41	25	-
MHN-SA 1800W/956 (P)SFC/20-6 400V	-	364	41	25	-

Product	A (Norm)	C (Max)	D (Max)	O (Norm)	X (Norm)
MHN-SA 2000W/956 400V XW	318	369	41	25	25
MHN-SA 1800W/956 230V XW	318	369	41	25	25

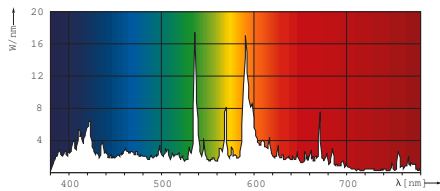
Photometric data



MASTER MHN-SA 1800W 230V /856



MASTER MHN-SA 1800W 400V /956



MASTER MHN-SA 2000W /956

Compare table

Order code	Full product name	Bulb	Bulb Finish	Cap-Base	Burning Position	Colour Code	Colour Designation	Voltage	Lamp Wattage	Lamp Wattage EM	Lamp Luminous Flux EM
200792 00	MASTER MHN-SA 2000W/956 400V XW UNP	TD40	Clear	X830R	p15	956	Daylight	400	2000	2040.0	200000
201065 00	MASTER MHN-SA 1800W/956 230V XW UNP	TD40	Clear	X830R	p15	956	Daylight	230	1800	1800.0	155000
200754 00	MASTER MHN-SA 1800W/956 (P)SFC 230V UNP	TD40	Clear	(P)SFC	p15	956	Daylight	230	1800	1800.0	155000
200761 00	MASTER MHN-SA 1800W/956 (P)SFC 400V UNP	TD40	Clear	(P)SFC	p15	956	Daylight	400	1800	1850.0	160000

Compare table

Order code	Full product name	Lamp Voltage	Lamp Current EM	Dimmable	Chromaticity Coordinate X	Chromaticity Coordinate Y	Colour Rendering Index	Life to 10% failures	Life to 20% failures	Life to 5% failures	Life to 50% failures
200792 00	MASTER MHN-SA 2000W/ 956 400V XW UNP	205	11.3	no	330	362	88 (min), 90 (nom)	2300	3000	1800	5000
201065 00	MASTER MHN-SA 1800W/ 956 230V XW UNP	120	17.3	no	330	339	85 (min), 90 (nom)	2300	3000	1800	5000
200754 00	MASTER MHN-SA 1800W/ 956 (P)SFC 230V UNP	120	17.3	no	330	339	90	2300	3000	1800	5000
200761 00	MASTER MHN-SA 1800W/ 956 (P)SFC 400V UNP	205	10.5	no	330	339	90	2300	2300	1800	5000

Compare table

Order code	Full product name	Lumen Maintenance 2000h	Lumen Maintenance 5000h	Bulb Temperature	Lamp Luminous Efficacy EM	Colour Temperature	Mercury (Hg) Content	Lumen Maintenance 1000h
200792 00	MASTER MHN-SA 2000W/956 400V XW UNP	78	60	980	98	5600	25	87
201065 00	MASTER MHN-SA 1800W/956 230V XW UNP	80	60	980	86	5600	92	92
200754 00	MASTER MHN-SA 1800W/956 (P)SFC 230V UNP	80	60	980	86	5600	92	92
200761 00	MASTER MHN-SA 1800W/956 (P)SFC 400V UNP	75	55	980	86	5600	250	87



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