



Product Description

MASTER MHN-SA

Compact guartz 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
- \cdot 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)
- \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.

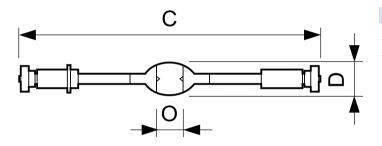
MASTER MHN-SA

Versions

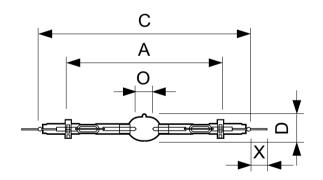


LPPR MHN-SA 0001

Dimensional drawing



Product	D (max)	0	C (max)
MASTER MHN-SA 1800W/956 (P)SFC 230V	41 mm	25 mm	364 mm
MASTER MHN-SA 1800W/956 (P)SFC 400V	41 mm	25 mm	364 mm



Product	D (max)	0	X	Α	C (max)
MASTER MHN-SA 1800W/956 230V XW	41 mm	25 mm	25 mm	318 mm	369 mm
UNP/1					
MASTER MHN-SA 2000W/956 400V XW	41 mm	25 mm	34 mm	226 mm	369 mm
HO UNP/1					
MASTER MHN-SA 2000W/956 400V XW	41 mm	25 mm	25 mm	226 mm	369 mm
UNP/1					

MASTER MHN-SA

General Information Operating position P15 Light Technical Chromaticity Coordinate X (Nom) 330 Colour designation Daylight Correlated Colour Temperature (Nom) 5600 K Controls and Dimming Dimmable No Mechanical and Housing Lamp Finish Clear Bulb shape TD40		
Light Technical Chromaticity Coordinate X (Nom) 330 Colour designation Daylight Correlated Colour Temperature (Nom) 5600 K Controls and Dimming Dimmable No Mechanical and Housing Lamp Finish Clear	General Information	
Chromaticity Coordinate X (Nom) 330 Colour designation Daylight Correlated Colour Temperature (Nom) 5600 K Controls and Dimming Dimmable No Mechanical and Housing Lamp Finish Clear	Operating position	P15
Chromaticity Coordinate X (Nom) 330 Colour designation Daylight Correlated Colour Temperature (Nom) 5600 K Controls and Dimming Dimmable No Mechanical and Housing Lamp Finish Clear		
Colour designation Daylight Correlated Colour Temperature (Nom) 5600 K Controls and Dimming Dimmable No Mechanical and Housing Lamp Finish Clear	Light Technical	
Correlated Colour Temperature (Nom) 5600 K Controls and Dimming Dimmable No Mechanical and Housing Lamp Finish Clear	Chromaticity Coordinate X (Nom)	330
Controls and Dimming Dimmable No Mechanical and Housing Lamp Finish Clear	Colour designation	Daylight
Dimmable No Mechanical and Housing Lamp Finish Clear	Correlated Colour Temperature (Nom)	5600 K
Dimmable No Mechanical and Housing Lamp Finish Clear		
Mechanical and Housing Lamp Finish Clear	Controls and Dimming	
Lamp Finish Clear	Dimmable	No
Lamp Finish Clear		
Etc.	Mechanical and Housing	
Bulb shape TD40	Lamp Finish	Clear
	Bulb shape	TD40

General Information

Order Code	Full Product Name	Cap base
20079200	MASTER MHN-SA 2000W/956 400V XW UNP/1	X830R
20106500	MASTER MHN-SA 1800W/956 230V XW UNP/1	X830R
24183600	MASTER MHN-SA 2000W/956 400V XW HO UNP/1	X830R

Full Product Name	Cap base
MASTER MHN-SA 1800W/956 (P)SFC 230V	(P)SFC
MASTER MHN-SA 1800W/956 (P)SFC 400V	(P)SFC
	MASTER MHN-SA 1800W/956 (P)SFC 230V

Light Technical

		Chromaticity	Colour	Luminous
		Coordinate Y	rendering	efficacy (rated)
Order Code	Full Product Name	(Nom)	index (CRI)	(nom.)
20079200	MASTER MHN-SA	362	85	95 lm/W
	2000W/956 400V XW			
	UNP/1			
20106500	MASTER MHN-SA	339	86	86 lm/W
	1800W/956 230V XW			
	UNP/1			
24183600	MASTER MHN-SA	366	81	108 lm/W
	2000W/956 400V XW			
	HO UNP/1			

		Chromaticity	Colour	Luminous
		Coordinate Y	rendering	efficacy (rated)
Order Code	Full Product Name	(Nom)	index (CRI)	(nom.)
20075400	MASTER MHN-SA	339	86	83 lm/W
	1800W/956 (P)SFC			
	230V			
20076100	MASTER MHN-SA	339	86	84 lm/W
	1800W/956 (P)SFC			
	400V			

Operating and Electrical

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
20079200	MASTER MHN-SA 2000W/956	205 V	2,100 W
	400V XW UNP/1		
20106500	MASTER MHN-SA 1800W/956 230V	120 V	1,800.0 W
	XW UNP/1		
24183600	MASTER MHN-SA 2000W/956	205 V	2,100 W
	400V XW HO UNP/1		

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
20075400	MASTER MHN-SA 1800W/956	120 V	1,800.0 W
	(P)SFC 230V		
20076100	MASTER MHN-SA 1800W/956	205 V	1,900 W
	(P)SFC 400V		

Approval and Application

MASTER MHN-SA

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (nom.)
Order Code	ruit Floudet Name	KWII/ 1,000 Hours	content (nom.)
20079200	MASTER MHN-SA 2000W/956	2,244 kWh	215 mg
	400V XW UNP/1		
20106500	MASTER MHN-SA 1800W/956	1,980 kWh	87 mg
	230V XW UNP/1		
24183600	MASTER MHN-SA 2000W/956	2,305 kWh	215 mg
	400V XW HO UNP/1		

		Energy consumption	Mercury (Hg)
Order Code	Full Product Name	kWh/1,000 hours	content (nom.)
20075400	MASTER MHN-SA 1800W/956 (P)SFC 230V	1,980 kWh	87 mg
20076100	MASTER MHN-SA 1800W/956 (P)SFC 400V	2,035 kWh	234 mg



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.