PHILIPS

MASTER MHN-SB

DMHNSBHO



Optimal beam control, compact design

Compact quartz metal halide lamp with single pinch

Benefits

- Allows compact and efficient luminaire systems with precision optics for good beam control and minimal light spill
- Long lifetime and high reliability in Short Base outer dimensions to minimize service needs and maintenance costs
- Good color rendering for a pleasant ambience with high visual comfort
- Natural white color appearance, good color rendering and stability
- Daylight color temperature eases transition from daylight to artificial lighting

Applications

- Semi-professional sports, area and floodlighting

Features

- Compact source (Short Base lamp dimensions) with short electrode distance and high luminous efficacy
- Single pinch concept with long lifetime

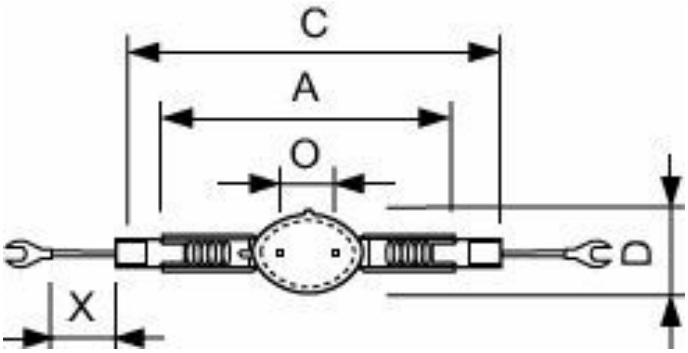
Versions



LPPR MHN-SB 0002

- 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
- 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.

Dimensional drawing



Product	D (max)	O	X	A	C (max)
MST MHN-SB 2000W/956 400V K12s-7 WH HO	41 mm	25 mm	50 mm	157 mm	188 mm

General Information

Cap-Base	Cable
Operating Position	P15 [Parallel +/-15D or Horizontal(HOR)]

Light Technical

Color Designation	Daylight
Chromaticity Coordinate X (Nom)	334
Chromaticity Coordinate Y (Nom)	366
Correlated Color Temperature (Nom)	5600 K
Luminous Efficacy (rated) (Nom)	105 lm/W
Color rendering index (CRI)	81

Operating and Electrical

Power Consumption	2,100 W
Voltage (Nom)	205 V

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	TD40

Approval and Application

Mercury (Hg) Content (Nom)	215 mg
Energy Consumption kWh/1000 h	2,277 kWh

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. 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. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.