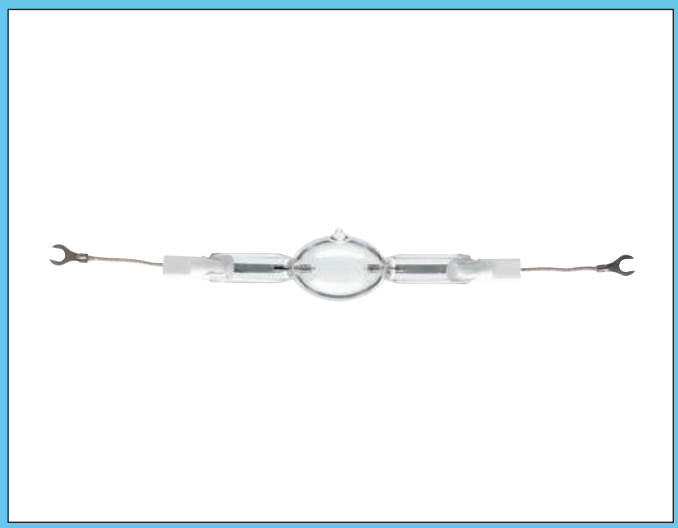
MH/HPI Metal halide

MHN-SB



MHN-SB

Product Description

- Compact quartz metal halide lamp with single pinch

Product Features

- Compact source (Short Base lamp dimensions) with short electrode distance and high luminous efficacy
- Single pinch concept with long lifetime
- Natural white color appearance, good color rendering and stability
- Daylight color temperature eases transition from daylight to artificial lighting

Product 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 minimise service needs and maintenance costs
- Good color rendering for a pleasant ambience with high visual comfort

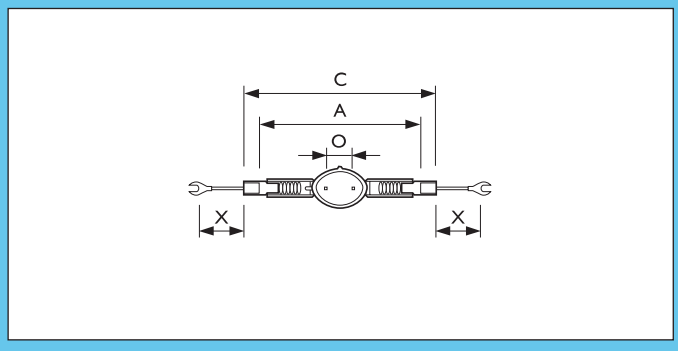
Application

- Professional and semi-professional sports, area and floodlighting

Luminaires

- Requires UV-absorbing and protective front glass
- Correct thermal conditions are required for optimal lamp performance

Dimensions in mm



		Overall length	Diameter	Arc length	
Product ID	A nom.	C max.	D max.	O nom.	X nom.
2000W	157	187	41	25	50

Preferred selection

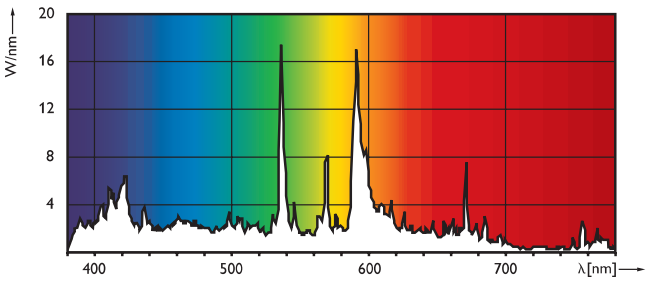
Product ID	Lamp Wattage EL (W)	Lamp Current EL (A)	Lamp Voltage (V)	Main Voltage (V)	Cap/ Base	Color Temperature (K)	Color Rendering Index (R_a)
MHN-SB Pro 2000W/956 Cable 400V	2040	11.3	205	400	Cable	5600	90

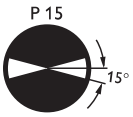
Product ID	Chromaticity Coordinate X	Chromaticity Coordinate Y	Bulb Finish	Luminous Flux Lamp (lm)	Luminous Efficacy Lamp (lm/w)	Luminance Average EM (cd/cm²)
MHN-SB Pro 2000W/956 Cable 400V	2570	5570	Clear	200000	98	7500

Product ID	Operating Position	Ignition Supply Voltage min. (V)	Bulb Temperature max. (°C)	Pinch Temperature max. (°C)	Net Weight Per Piece (g)
MHN-SB Pro 2000W/956 Cable 400V	P15	360	950	420	110

Spectral power distribution

MHN-SB /956



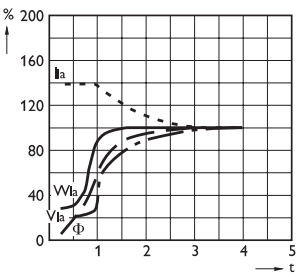


The allowed burning position

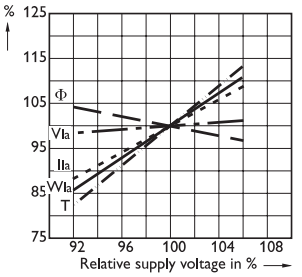
Performance diagrams

MHN-SB

Lamp performance during run up



Effects of mains voltage variations



I_{la} = Lamp current
Φ = Luminous Flux
V_{la} = Lamp Voltage
W_{la} = Lamp Wattage