PHILIPS

Double-Ended Metal Halide

D_MHNTD



High Pressure Metal Halide Lamps

With their excellent color rendering properties, these High Pressure Metal Halide Lamps are ideal light sources for accent lighting in indoor appliations. The outer bulb of the double-ended metal halide lamp is made of heat-resistant quartz.The double-ended construction, in combination with the small tubular quartz outer envelope, makes it possible to use these lamps in small luminaires with special optics.

Benefits

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Applications

- Ideal for use in small luminaires.

Features

- Immediate re-ignition is possible with special ignitors generating 25kV.
- Available in Color temperatures of 4000K and 4200K.
- Available in 1800W.
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

Versions

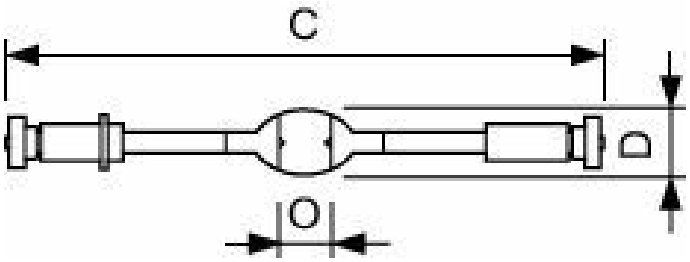


LPPR MHN-SA X830R

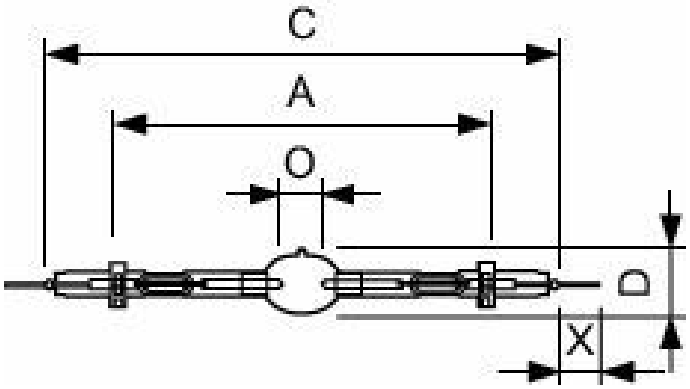


LPPR MHN-SA 0001

Dimensional drawing



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



Product	D (max)	O	X	A	C (max)
MASTER MHN-SA 2000W/956 400V XW HO UNP/1	41 mm	25 mm	34 mm	226 mm	369 mm

General Information

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

Light Technical

Color Designation	Daylight
Chromaticity Coordinate X (Nom)	330
Correlated Color Temperature (Nom)	5600 K

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	TD40

General Information

Order Code	Full Product Name	Cap-Base
928195105129	MASTER MHN-SA 2000W/956 400V XW HO UNP/1	X830R
928078415130	MASTER MHN-SA 1800W/956 (P)SFC 230V	(P)SFC

Light Technical

Order Code	Full Product Name	Chromaticity Coordinate Y (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928195105129	MASTER MHN-SA 2000W/956 400V XW HO UNP/1	366	108 lm/W	81
928078415130	MASTER MHN-SA 1800W/956 (P)SFC 230V	339	83 lm/W	86

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
928195105129	MASTER MHN-SA 2000W/956 400V XW HO UNP/1	2,100 W	205 V
928078415130	MASTER MHN-SA 1800W/956 (P)SFC 230V	1,800.0 W	120 V

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Energy Consumption kWh/1000 h
928195105129	MASTER MHN-SA 2000W/956 400V XW HO UNP/1	215 mg	2,305 kWh
928078415130	MASTER MHN-SA 1800W/956 (P)SFC 230V	87 mg	1,980 kWh

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