



High Pressure Metal Halide Lamps

Double-Ended Metal Halide

With their excellent color rendering properties, these High Pressure Metal Halide Lamps are ideal light sources for accent lighting in indoor applications. 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

- --

Features

- Immediate re-ignition is possible with special ignitors generating 25kV.
- Available in Color temperatures of 4000K and 4200K.
- Available in 1800W.

Application

- Ideal for use in small luminaires.

Warnings and Safety

- 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)

Double-Ended Metal Halide

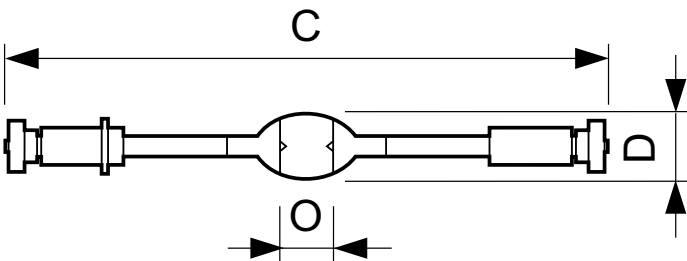
Versions



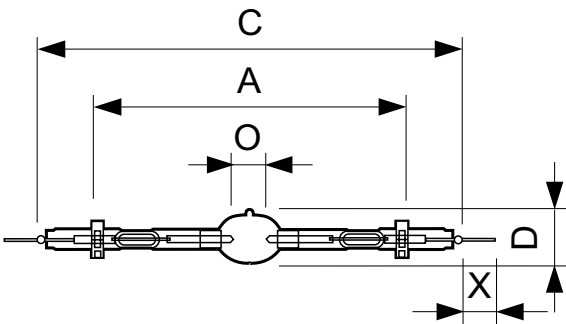
LPPR MHN-SA X830R

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 |

Double-Ended Metal Halide

| General Information | |
|------------------------------------|----------|
| Operating Position | P15 |
| Light Technical | |
| Chromaticity Coordinate X (Nom) | 330 |
| Color Designation | Daylight |
| 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 |

| Order Code | Full Product Name | Cap-Base |
|--------------|-------------------------------------|----------|
| 928078415130 | MASTER MHN-SA 1800W/956 (P)SFC 230V | (P)SFC |

Light Technical

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

| Order Code | Full Product Name | Chromaticity Coordinate Y (Nom) | Color rendering index (CRI) | Luminous Efficacy (rated) (Nom) |
|--------------|-------------------------------------|---------------------------------|-----------------------------|---------------------------------|
| 928078415130 | MASTER MHN-SA 1800W/956 (P)SFC 230V | 339 | 86 | 86 lm/W |

Operating and Electrical

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|--|---------------|-------------------|
| 928195105129 | MASTER MHN-SA 2000W/956 400V XW HO UNP/1 | 205 V | 2,095.0 W |

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|-------------------------------------|---------------|-------------------|
| 928078415130 | MASTER MHN-SA 1800W/956 (P)SFC 230V | 120 V | 1,800.0 W |

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Nom) |
|--------------|--|-------------------------------|----------------------------|
| 928195105129 | MASTER MHN-SA 2000W/956 400V XW HO UNP/1 | 2305 kWh | 215 mg |

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Nom) |
|--------------|-------------------------------------|-------------------------------|----------------------------|
| 928078415130 | MASTER MHN-SA 1800W/956 (P)SFC 230V | 1980 kWh | 87 mg |

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