

# MAESTRO™ SERIES QUARTZ HALOGEN ILLUMINATORS

Project:

Type:

Catalog Number: **M**

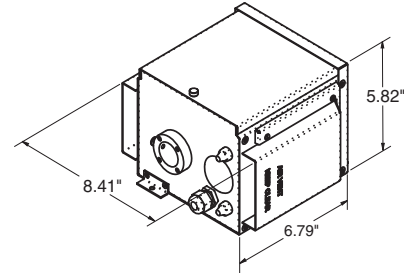
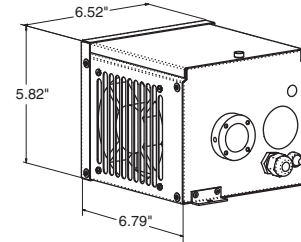
System Component: **Illuminator**



**DRY ENCLOSURE**



**WET ENCLOSURE**



**NOTE:** Drawings are not to scale

## SPECIFICATIONS

### Enclosure

Dimensions

Finish / Material

Shipping Weight

NEMA Rating

IP Rating

Number of Ports

### Power Requirements

Voltages

Starting Amps

Running Amps

Fuse

Listings

### Lamp

Type

Wattage

Color Temperature

Average Rated Lamp Life

Replacement PN

### Ventilation

Standard Fan

Ambient Operating Temperature

Mounting Clearance

### Harness

PS-HARN (Stranded)

AR-HARN (Large Core)

### Warranty

### Dry Enclosure

W: 6.52" (16.6 cm)

L: 6.79" (17.3 cm)

H: 5.82" (14.8 cm)

Powder-Coated CRS

8.75 Lbs (Nominal)

NEMA 1

IP20

1 or 2

Magnetic: 120V/60Hz, 240V/60Hz & 50Hz

Electronic: 120V/60Hz

1.75 Amps @ 120V - .86 Amps @ 240V

1.5 Amps @ 120V - .42 Amps @ 240V

None

ETL (Based on UL Standard 1598); CSA; CE Marked

MR16 Quartz Halogen

75 Watt

3100° K

4,000 Hours

L9N-001

81 CFM Sealed Bearing Axial

-20°F (-29°C) to 110°F (43°C)

Minimum 18" between adjacent illuminators or other obstruction. If installed in an enclosed area with positive ventilation, a minimum of 4 cubic feet of surrounding airspace is required for each illuminator.

Up to 850 Fibers Maximum (Based on .75mm Fibers)

Refer to Pages HA-2A and B for configuration

Limited 1 year warranty on parts and labor (excluding lamps)

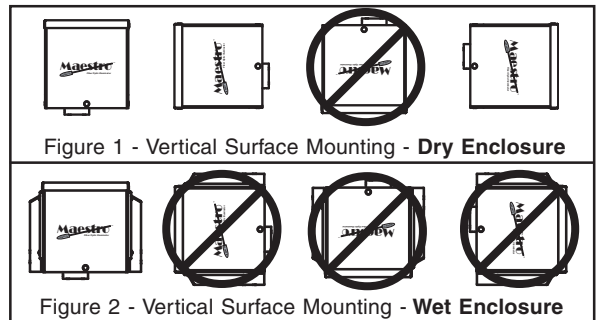
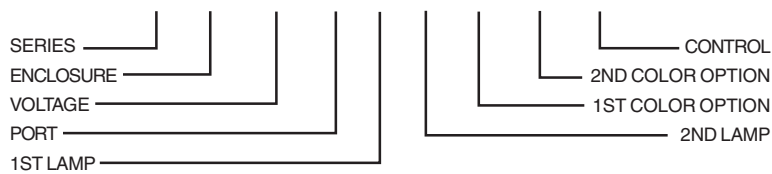
# MAESTRO™ SERIES QUARTZ HALOGEN ILLUMINATORS

## PART NUMBER CONFIGURATION

SERIES	ENCLOSURE	VOLTAGE	PORT	1ST LAMP	2ND LAMP	1ST COLOR OPTION	2ND COLOR OPTION	CONTROL
M	Maestro							
-D	Dry							
-W	Wet							
-120E	120V 60Hz Electronic Ballast							
-120M	120V 60Hz Magnetic Transformer *							
-240/5M	240V 50Hz Magnetic Transformer *							
-240/6M	240V 60Hz Magnetic Transformer *							
* See Note 2								
-S	Single Port							
-D	Dual Port							
-1	75W							
-N	None							
-1	75W							
-L	White Light							
-PC	Permanent Color Filter. Refer to page IL-14 for color selections							
-P	4 Position Pool Color Wheel (Single Port Only) Refer to page IL-14 for color selections							
-CW	4 Position Std Color Wheel (Single Port Only) Refer to page IL-14 for color selections							
-C4	4 Position Custom Color Wheel (Single Port Only) Refer to page IL-14 for color selections							
-TW1	Twinkle Wheel for Large Core Fiber - See Note 7							
-TW2	Twinkle Wheel for PMMA Fiber - See Note 7							
-TWH	Hand Painted Twinkle Wheel - See Note 7							
-N	None							
-L	White Light							
-PC	Permanent Color Filter							
-N	None							
-1LC	2 Line Cords - Power and Remote Dimming - Single or DualPort - See Notes 5 & 6							
-2LC	3 Line Cords - Power, Remote Dimming & Color/Twinkle Wheel On/Off - Single or Dual Port - See Notes 5 & 6							
-3LC	3 Line Cords - Power, Remote Dimming of Individual Lamps (Dual Port) & Color/Twinkle Wheel On/Off - See Note 5							

### EXAMPLE:

**M - W - 120 - D - 1 - 1 - CW - L - 1LC**



### Notes

- 1) This is an instant-on illuminator with no restrike time.
- 2) Magnetic Transformer options are available in Single Port configurations **ONLY**.
- 3) Relamping: Lamp is extremely hot to the touch. Allow sufficient time to cool before removal. Handle by reflector edges only. Damage to the lamp and/or reflector will occur from contamination by the natural oils on your hands.
- 4) Refer to Figures 1 & 2 above for proper mounting orientation on a wall or other vertical surface. The Dry Enclosure configuration may also be mounted on a shelf or other horizontal surface. The Wet Enclosure configuration must not be mounted on a shelf or other horizontal surface. In all configurations, be certain to provide adequate ventilation and do not allow the vents to become obstructed.
- 5) Dimmers and dimming circuits shall be supplied by others.
- 6) In dual port configurations with the 1LC or 2LC line cord options, both lamps will dim simultaneously.
- 7) In a dual port configuration, a single twinkle wheel will cover both ports. (See 1st Color Options TW1, TW2 & TWH in Part Number Configuration).
- 8) All specifications are subject to change without notice.