

The San Marino

Available in LED

Bieber Illumination Group



San Marino with textured obscure tempered glass lenses.

UL & CSA LISTED FOR WET LOCATIONS. FACTORY TESTED BEFORE SHIPMENT.

APPLICATION – Wall mount.

HOUSING – Heavy-duty cast aluminum.

LENS – Standard lenses are textured obscure tempered glass or frosted tempered glass. Please see the Lens table.

SOURCES – Available in incandescent up to 200W, in HPS and MH up to 175W, and in fluorescent up to 42W. Fluorescent, and HID sources 50W and below, are available only at 120V or 277V. Incandescent is available only at 120V.

ELECTRICAL COMPONENTS – All HID ballasts are CWA/HPF regulating auto-transformers, available in MH and HPS. All fluorescent ballasts are electronic type. The starting temperature for MH and fluorescent is -20°F, and HPS starts at -40°F.

SOCKET – All HID sockets are glazed porcelain, medium base, with 600V nickel-coated contacts. Incandescent sockets are glazed porcelain, medium base, with 600V nickel-coated contacts. Fluorescent sockets are standard PL type.

MOUNTING – Wall mount. The contractor shall drill holes through the solid back to support mounting on a standard flush junction box (by others).

FINISH – Thermoset polyester oven-baked powder coat, in any standard Bieber Lighting color. Custom colors are available to your specifications; consult factory.

LED information:

EncapLED, an IP66-rated and DLC listed LED module, combines optics and heat sink into one configurable unit which give precise light distribution. It allows us to do 10w., 30w. & 40w. increment adjustment on light output. The module has 115lm/W efficacy with LUXEON LUMILEDS TX CHIPS. Beside maximizing heat dissipation surface, we also utilize convection-based heat management which creates additional air flow around each chip. Unlike a big metal heat sink, where the temperature for the chips in the middle is higher than the rest, the heat of each EncapLED chip gets dissipated evenly. A better heat dissipation design keeps the junction temperature low and ultimately prolongs the life of the LED chips. Our modules are available in any of our fixtures designs, as well as in a simple retro-fit kit form for existing fixtures.


Bieber Illumination Group

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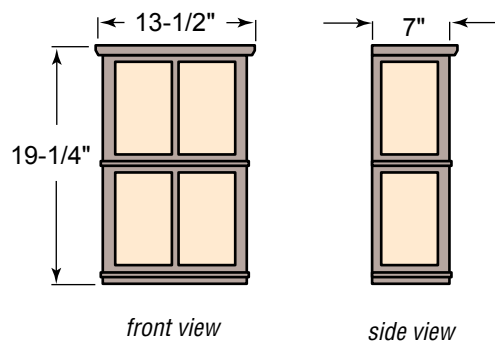
The San Marino

	1	2	3	4	5	6	7
FIXTURE	SIZE	SOURCE	VOLTS	LAMP	LENS	COLOR	OPTIONS
SNM	10	E2	4	L	1	GR	MT

Create a catalog number from the tables below. Example number: SNM – 10 – E2 – 4 – L – 1 – GR – MT

1 SIZE

Size = 10



2 LIGHT SOURCE

	HPS	MH
35W	B1*	B2*
50W	C1*	C2*
70W	E1	E2
100W	H1	H2
150W	J1	J2
175W	•	K2

**see note in Voltage table*

Pulse start also available; consult factory.

FLUORESCENT

X = single PL **Y** = dual PL
(please specify wattage)

EXAMPLE: Y13 = dual PL 13.

Z = INCANDESCENT

Up to 200 W, medium base only.
Lamps by others.

3 VOLTAGE

120V = **2** 240V = **4**
208V = **0** 277V = **7**

*Also available
in Multi-Tap;
see Options table*

480V = **8**

*Not available in
Multi-Tap*

NOTE:

- INCANDESCENT IN 120V ONLY.
- FLUORESCENT IN 120V OR 277V ONLY.
- 35W AND 50W HID SOURCES IN 120V OR 277V ONLY.

4 LAMP

L = with lamp
N = no lamp

L/MS = with Super Metal Halide lamp
(available in 175W MH only)

NOTE: BIEBER DOES NOT FURNISH
INCANDESCENT LAMPS.

5 LENS

1 = textured obscure
tempered glass

2 = frosted
tempered glass

6 COLOR

BK = Black

GR = Green

WH = White

DB = Dark Bronze

SL = Silver

GY = Gray

BU = Blue

VP = Verde Patina

CC = Custom Color

7 OPTIONS

MT = multi-tap transformer
(HID sources 70W or greater only)

FV = international ballast;
specify cycles & voltage

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