

# The Premiere Series

Available in LED

Bieber Illumination Group



Premiere shown on arm AT22/DC, with curved reflector, acrylic glow rings and opal acrylic lens.



Premiere with straight reflector, aluminum rings, and upper accent diffuser.

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

**ILLUMINATION REFLECTOR** – Heavy-duty spun aluminum reflector, curved or straight, 20", 24" or 30" in diameter. The underside is available finished in reflective white; please see the Options table

**LENS** – Five lenses are available: D.R. acrylic in opal, clear or color (for 20" and 24" diameter sizes only); flat tempered glass; and convex tempered glass (convex lenses are available in 24" and 30" diameter sizes only). The lens and frame is removable for lamp access. Please see the Lens table.

**OPTICS** – D.R. acrylic lenses may be specified with either 180° or 360° distribution pattern. Flat glass lenses are available with horizontal lamp in Types I, II, III, FT and V. Convex glass lenses are available with vertical lamp in Types III, FT and V only. Please see the Optics table.

**TOP DOME** – Heavy cast aluminum enclosure. It houses the ballast compartment. Lamp socket is installed onto a highly reflective partition.

**DECORATIVE RINGS** – Three (3) each, 3/8" x 12" diameter acrylic. Illuminative rings allow illumination to accent the edges; please specify color. Also available with non-illuminative aluminum rings; specify

color. The frosted upper accent diffuser (illustrated above right) is available only with aluminum rings. Please see the Rings table.

**ALUMINUM SPACERS** – Finished to match fixture color.

**ELECTRICAL COMPONENTS** – All ballasts are CWA or HPF regulating auto-transformers, available in MH and HPS. Starting temperature for MH is -20°F, and HPS starts at -40°F. 50W sources are available only at 120V and 277V. Maximum wattage is 250W.

**SOCKET** – Glazed porcelain, mogul or medium base, rated to 600V, with nickel-plated contacts.

**ARM** – All aluminum construction. See pages 30-31.

**POLES & BASES** – Bieber can supply square or round poles in straight or tapered styles. See pages 32-33.

**PHOTOMETRICS** – See page 34, Figs. 7 and 8.

**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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3455 Military Ave.  
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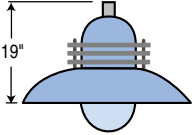
Sales & customer support  
office: 310-451-5589  
garybieber@yahoo.com

# The Premiere Series

	1	2	3	4	5	6	7	8	9	10	11
<b>FIXTURE</b>	<b>SIZE</b>	<b>SOURCE</b>	<b>VOLTS</b>	<b>LAMP</b>	<b>LENS</b>	<b>OPTICS</b>	<b>MOUNT</b>	<b>ARM</b>	<b>COLOR</b>	<b>RINGS</b>	<b>OPTIONS</b>
<b>PRM</b>	<b>30</b>	<b>K2</b>	<b>2</b>	<b>L</b>	<b>OA</b>	<b>36</b>	<b>A</b>	<b>AT22/DC</b>	<b>GR</b>	<b>2</b>	<b>WR</b>

Create a catalog number from the tables below. Example : PRM – 30 – K2 – 2 – L – OA – 36 – A – AT 22/DC – GR – 2 – WR

### 1 SIZE



SIZE	DIAMETER	REFLECTOR	MAX WATTS
10	20"	curved	100W
20	20"	straight	100W
30	24"	curved	175W
40	24"	straight	175W
50	30"	curved	250W
60	30"	straight	250W

### 2 SOURCE

	HPS	MH
50W	<b>C1*</b>	<b>C2*</b>
70W	<b>E1</b>	<b>E2</b>
100W	<b>H1</b>	<b>H2</b>
150W	<b>J1</b>	<b>J2</b>
175W	<b>•</b>	<b>K2</b>
250W	<b>N1</b>	<b>N2</b>

*\*see note in Voltage table*

Pulse start  
also available;  
consult factory.

### 3 VOLTAGE

120V = <b>2</b>	240V = <b>4</b>	} Also available in Multi-Tap: see Options table
208V = <b>0</b>	277V = <b>7</b>	
347V = <b>3</b>	480V = <b>8</b>	} Not available in Multi-Tap

**NOTE: 50W SOURCES IN 120V OR 277V ONLY.**

### 4 LAMP

**L** = with lamp  
**N** = no lamp  
**L/MS** = with Super Metal Halide lamp

### 5 LENS

**OA** = opal D.R. acrylic\*  
**CA** = clear D.R. acrylic\*  
**TA** = colored D.R. acrylic\* (specify color; consult factory).  
**FG** = flat glass  
**CG** = convex glass\*\*







*\*20" and 24" dia. sizes only    \*\*24" and 30" dia. sizes only*

### 6 OPTICS

<b>18</b> = 180° pattern*	<b>4H</b> = Type FT, horiz. lamp**
<b>36</b> = 360° pattern*	<b>5H</b> = Type V, horiz. lamp**
<b>1H</b> = Type I, horiz. lamp**	<b>3V</b> = Type III, vert. lamp***
<b>2H</b> = Type II, horiz. lamp**	<b>4V</b> = Type FT, vert. lamp***
<b>3H</b> = Type III, horiz. lamp**	<b>5V</b> = Type V, vert. lamp***

*\*acrylic lenses only    \*\*flat glass only    \*\*\*convex glass only*

### 7 MOUNTING ARRANGEMENT\*

**A** =     **E** =     **G** =  wall mount  
**B** =     **H** = pendant mount  
**C** =     **I** = other  
**D** =     (consult factory)

### 8 ARM

Please see  
Architectural Arms  
on pages 30 and 31.

### 9 COLOR

<b>BK</b> = Black	<b>BU</b> = Blue
<b>GR</b> = Green	<b>DB</b> = Dark Bronze
<b>WH</b> = White	<b>VP</b> = Verde Patina
<b>SL</b> = Silver	<b>CC</b> = Custom Color
<b>GY</b> = Gray	

### 10 RINGS

**1** = acrylic glow rings;  
specify color (consult factory).  
**2** = aluminum rings with  
frosted upper accent diffuser  
(as illustrated at right on page 18.)

### 11 OPTIONS

<b>PC</b> = photo cell	<b>MT</b> = Multi-Tap transformer
<b>SF</b> = single in-line fuse	<b>FV</b> = international ballast; specify cycles & voltage
<b>DF</b> = double in-line fuse	<b>WR</b> = underside of reflector shade is white powder coat (with acrylic lenses only)
<b>QR</b> = quartz restrike	
<b>IS</b> = internal shield (with acrylic lens only)	

## Bieber Illumination Group

\* For more detailed information on mounting arrangements, and for wall mount, please see Pole/Arm section of catalog. For pole ordering information, please see Pole/Arm Section of catalog. If poles are not ordered along with fixtures, please specify mounting requirements when ordering fixtures. This document contains proprietary information of the Bieber Illumination Group and is trans-mitted in confidence. Any reproduction, disclosure or use of this document is expressly prohibited except as Bieber Illumination Group may agree in writing. Because of ongoing product refine-ment, Bieber Illumination Group reserves the right to change specifications without notice. For customized requirements, please consult factory.  
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