

# The Park Circle Series

Available in LED

Bieber Illumination Group



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

**APPLICATION** – The Park Circle is ideal for shopping centers, for industrial parks, street and walkway lighting, general area lighting, and other commercial usages.

**HOUSING** – A weathertight unit spun from one-piece aluminum .080" thick, with concealed hinge. Features a .125" ballast plate and a .250" reinforcing plate for arm attachment.

**OPTIONAL TRANSLUCENT TOP** – Available with translucent opal acrylic "GloTop." The standard GloTop color is white. Colored GloTops are available; please see the Options table, and please consult factory.

**OPTICS** – The Park Circle features horizontal lamp positioning. (For a similar luminaire featuring vertical lamping, please see the PCV Series). The segmented reflector is specular aluminum. It has extremely high reflectivity. Available in Types II, III, Front Throw and V, as well as factory-set rotatable Perimeter Throw; see the Optics table.

**LENS AND FRAME ASSEMBLY** – The standard lens consists of 1/8" tempered, heat-resistant, clear, round glass. Also available with a convex glass lens (up to 400W); please see the Options table. Bieber installs Poron gasketing between the door frame and the fixture housing channel to form a complete seal against moisture and insects. The

lens frame is one-piece die formed from .080" thick aluminum, secured by a concealed hinge plus two stainless steel captive screws for ease of maintenance.

**ELECTRICAL COMPONENTS** – All ballasts are CWA/HPF regulating auto-transformers, available in HPS and MH. Starting temperature for HPS is -40°F, and MH starts at -20°F. Maximum wattage is 1000W. If no specific voltage is specified and multi-tap is given, Bieber will wire fixture(s) at 277V as the default.



**FIXTURE ARM** – A fixed bolt-on arm 6" x 2" x 10" long is standard. Two 3/8" bolts with nuts & washers are provided. The fixed-arm Park Circle is also available with the super-fast Easy Mount slip-fit hanger arm (see page 3); see the Options table. Post-top fixtures are available in yoke-mount style; see the Options table.

**SOCKET** – Glazed porcelain, mogul base,

rated to 600V.

**PHOTOMETRICS** – See pages 54 and 55: use Figures L, N and P for Size 10 and Size 40; use Figures M, O and Q for Size 20; use Figures A and B for Size 30.

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

## 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.

  
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