



Bieber Illumination Group

Libra Bollard

SPECIFICATIONS

Fixture Housing - The Housing is heavy duty extruded aluminum.- 6" od round x 22" overall height.

Internal Shade: Heavy duty radius shaped spun aluminum.

Lens - Clear, frosted or opal acrylic

Louvers - 4 horizontal decorative aluminum louvers surround the lens.

Optics - 180 deg. light distribution. 1/2 of the lens is shielded internally by the internal shade.

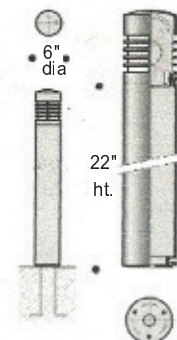
Electrical Components -

EncapLED, an IP66-rated, DLC and ETL listed LED module, combines optics and heat sink into one configurable unit which gives precise light distribution. It allows us to do 10w. increment adjustment on light output. The module achieves 110-120 lm/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. This innovative heat dissipation design keeps the junction temperature low and ultimately prolongs the life of the LED chips. Our modules are covered by our standard 5 year warranty and are available in any of our fixtures designs, as well as in a simple retro-fit kit form for existing fixtures of any brand.

Mounting: Cast aluminum base plate secures to the housing.

Included with every fixture is stainless steel hardware and (3) galvanized anchor bolts.

Finish - The finish is thermoset polyester over-baked powder coat, in any standard Bieber Illumin. color. Custom colors are available to your specifications.



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