

Bieber Illumination Group

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310-451-5589 - www.bieberillumination.com

Project: McMenamins / Anderson School - Bothell, WA.

Renaissance Post top lantern and fluted pole

Fixture housing: Heavy wall, 356 housing is made of die cast A380 aluminum, welded to the decorative yoke and secured together with all stainless steel hardware, gasketed for wet location installations. A cast aluminum frame with latch and hinge offers tool-free access to the inside of the luminaire.

Poron gasket material ensures weatherproofing.

LED system: EncapLED, an IP66-rated LED module, combines optics and heat sink into one configurable unit which give precise light distribution. It allows for 10W increment adjustment on light output. The module has 115lm/W efficacy with Philips Luxon Rebel chips. 40w system wattage. Color temperature of 2800

Kelvin nominal, 70 CRI. 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.

Globe: Made from one-piece, seamless, injected-molded impact-resistant (DR) acrylic

Optical System: IES type III (asymmetrical). Composed of high performance acrylic lensing which optimizes the performance of the LED's with varying beam angles to achieve desired distribution. The system is IP65 rated.

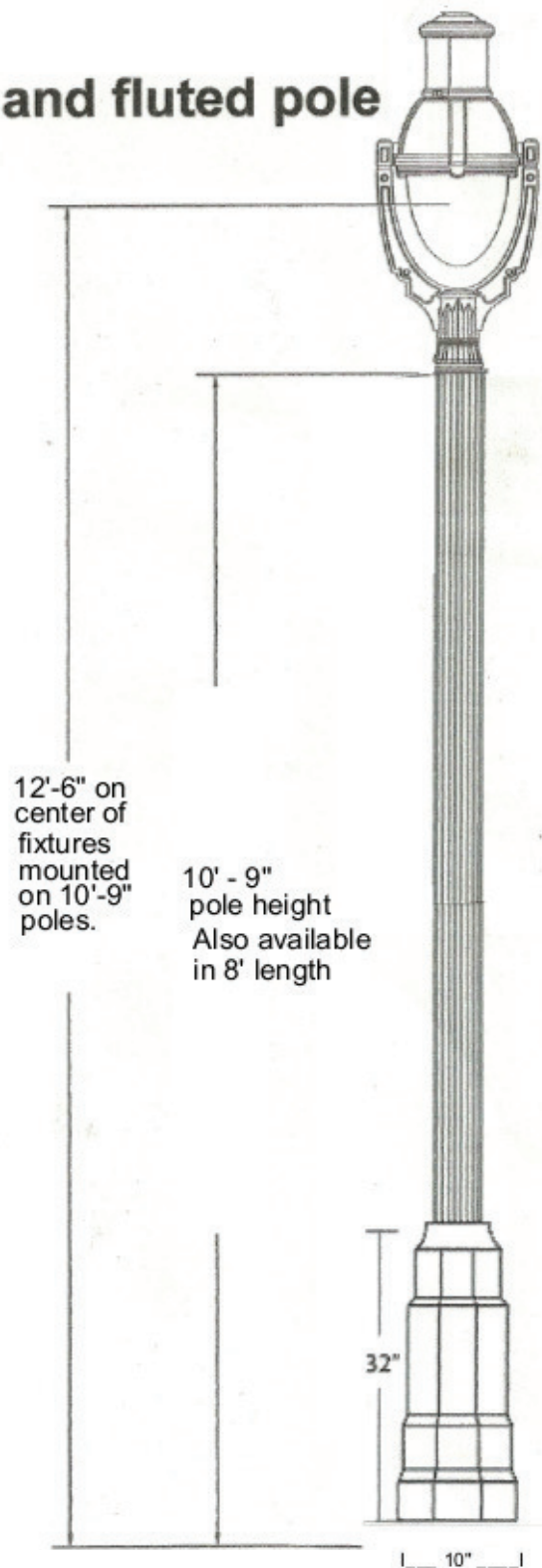
Globe: One-piece, seamless, injected-molded impact-resistant (DR) acrylic. The globe is gasketed to the housing.

Driver: High power factor of 90%. Electronic driver, operating range 60 Hz. Auto-adjusting to a voltage between 120 and 277 volt. Maximum ambient operating temperature from -40F(-40C) to 130F(55C) degrees. Certified in compliance to ETL standards.

Yoke: The decorative mounting yoke is made of cast 356 aluminum, complete with a fitter to fit over a 4" od x 4" tall tenon, secured with stainless steel Allen screws.

Poles - 10'-9" and 8' tall, round, tapered, fluted aluminum pole shaft, 11 gauge, .120 wall thickness, with a decorative cast aluminum pole base. Included with every pole is a hand hole with cover and hardware, plus (4) 3/4" galvanized anchor bolts.

Finish: Powder coat color # RAL9004, textured Signal black. In accordance with the AAMA 2603 standard. Application of polyester powder coat paint (4 mils/100 microns) with ± 1 mils/24 microns of tolerance. The Thermosetting resins provides a discoloration resistant finish in accordance with the ASTM D2244 standard, as well as luster retention in keeping with the ASTM D523 standard and humidity proof in accordance with the ASTM D2247 standard. The surface treatment achieves a minimum of 2000 hours for salt spray resistant finish in accordance with testing performed and per ASTM B117 standard.



To order, please specify the following catalog number:

REN-10-LED 40- 525-2800k-120/277V-5-PT-color-P-DBH-RTFA-10'-9" OA-color-TN

Color = Please specify any RAL color of your choice.