



Evelyn's Park Conservancy Park Lighting Information Source: SWA Group

The lighting design for the park had to negotiate the appropriate transition of light levels from the busy Bellaire Blvd towards a quiet residential neighborhood in the back and both sides of the park. Visible from the street pedestrian light poles had to make an aesthetic statement about the quality of built environment in Bellaire. The Evelyn's Park pedestrian light fixtures, parking lot lights, and Sculpture Garden lighting systems are Dark Skies Compliant.

Dark Skies Compliant rating system:

The "Dark Skies" rating system has recently evolved toward a "BUG" rating. BUG stands for "**B**acklight", "**U**plight" and "**G**lare." The acronym describes the types of stray light escaping from an outdoor lighting luminaire. "B" stands for backlight, or the light directed in back of the mounting pole. "U" stands for uplight, or the light directed above the horizontal plane of the luminaire, and "G" stands for glare, or the amount of light emitted from the luminaire at angles known to cause glare. Fixtures are rated on 0-5 scale with 0 being the best.

Pedestrian Light Fixture

SWA Group selected a fixture that has exquisite glare control and strong visual impact at the same time. The fixture has an extremely good rating of B1-U2-G1, with very low volumes of backlight, uplight and glare, which makes it dark skies compliant and eye-friendly. It is a Dark Skies Compliant fixture by Bega, is die-cast aluminum construction with clear acrylic diffuser. The LED light source is at the top perimeter rim of the fixture. The light shines downward.

Generally, Bega is one of the most reputable companies on the market, preferred by outdoor lighting designers for reliability and aesthetic beauty of their products. Having that quality of product at Evelyn's park is consistent with great architecture and aspirational design of the park. BEGA-US products qualify under the "Made in America" Act. The luminaire is also selected for energy-efficient LED technology. It uses a lot less wattage than metal halide lighting, and is virtually maintenance-free for the lifespan of the light.

Sculpture Garden Lighting

"Flindt" bollard by Louis Poulsen. The 0.5 acre of the park in Evelyn's garden around the sculpture is lighted with bollard path lighting. Lighting the garden path with bollards eliminates vertical object distractions in the line of view of the sculpture and creates a sense of mystery with subdued lighting levels. Light distribution is directed downward on one side of the bollard. The flared aperture creates an organic shaped light pattern covering nearly 180°. Two LEDs are housed in the top of the fixture and are shielded from direct view for glare control.

Parking Lot Lighting

Gleason by McGraw Edison. LED luminaire has a low-profile design. High-efficiency LED optics provide uniform and energy conscious illumination. BUG rating is B4-U0-G2. With **0 rating for uplight (best dark skies compliancy rating)**, backlight rating of 4 and a low glare rating of 2.