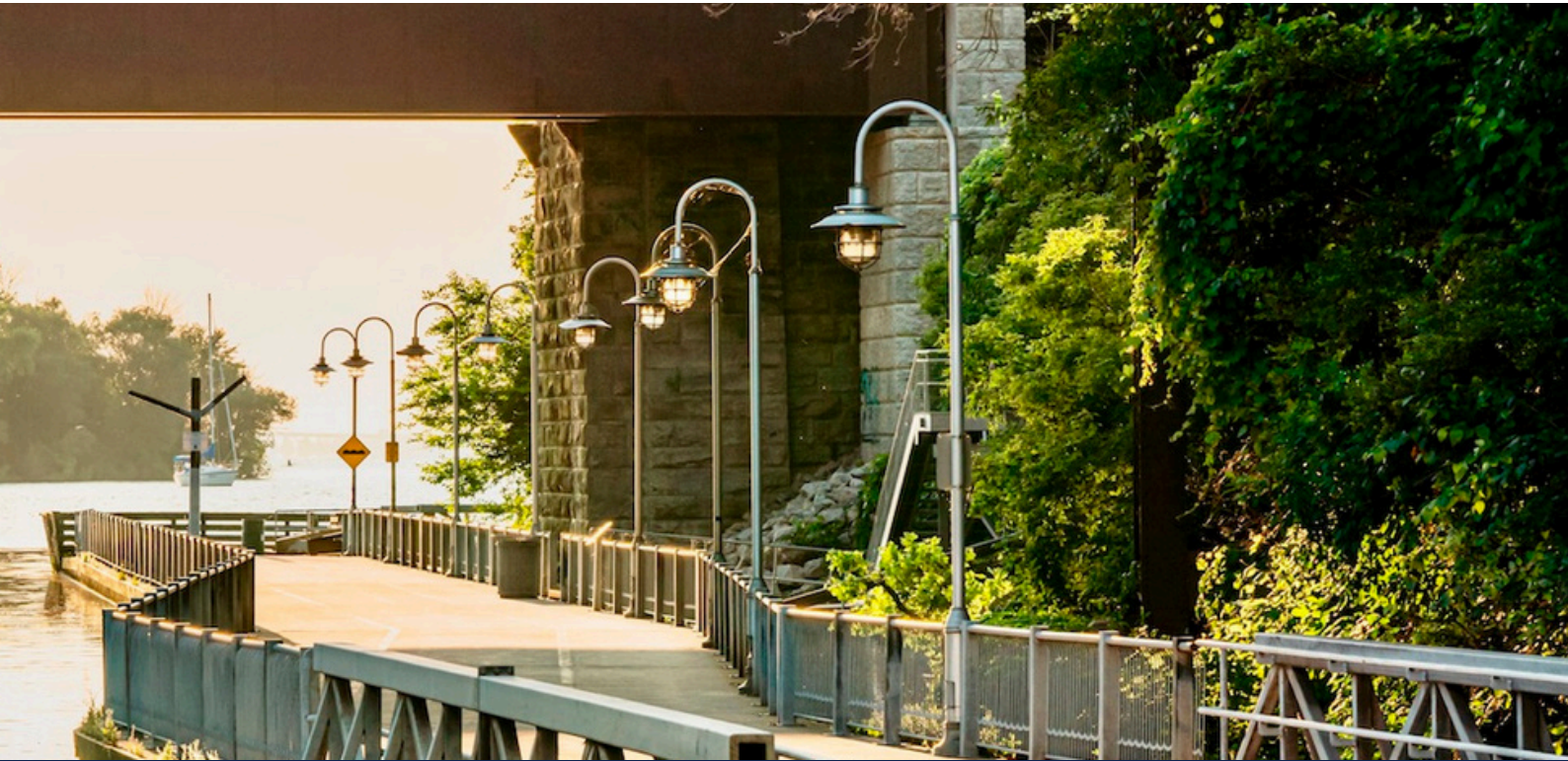




# CASE STUDY

## BAYFRONT PARK, HAMILTON.



### Illuminating Bayfront Park, Hamilton with HCILighting's F172 Outdoor Decorative Lights.

Bayfront Park in Hamilton, Ontario, stands as a testament to urban renewal, transforming vacant land into a vibrant green space. As part of this revitalization, HCI Lighting partnered with its representatives to bring innovative outdoor decorative lighting solutions, enhancing the park's ambiance and safety while complementing its natural beauty.

Bayfront Park's development aimed to create a dynamic recreational area, integrating ecological features and recreational facilities. With its stunning shoreline, the park offered an ideal canvas for innovative lighting solutions to highlight its unique features and extend its usability into the evening hours.



#### Challenges

1. **Environmental Compatibility:** The lighting solution had to blend seamlessly with the park's eco-friendly ethos, ensuring minimal disruption to local wildlife and vegetation.
2. **Aesthetic Integration:** Balancing modern lighting aesthetics with the park's natural charm posed a creative challenge.
3. **Safety and Security:** Providing ample illumination for visitor safety without detracting from the park's serene ambiance was paramount.



#### Solutions

1. **Custom Fixture Design:** HCI Lighting developed custom lighting fixtures tailored to the park's specific requirements, ensuring seamless integration with the landscape while maximizing aesthetic appeal.
- **Energy-Efficient Technology:** Utilizing LED technology not only minimized environmental impact but also reduced long-term operational costs.
2. **Light Pollution Reduction:** HCI Lighting prioritized minimizing light pollution and preserve the natural beauty of Bayfront Park, aligning with the community's environmental values.
3. **Accessibility Considerations:** Lighting design took into account accessibility considerations, such as ensuring uniform illumination levels and minimizing glare, to enhance the park's usability for individuals of all abilities.



## Implementation

1. **Detailed Planning:** Meticulous planning ensured seamless integration of lighting fixtures into the park's landscape, preserving its natural aesthetic.
2. **Testing and Optimization:** Rigorous testing and fine-tuning of lighting configurations ensured optimal performance and energy efficiency.



## Results

1. **Detailed Planning:** Meticulous planning ensured seamless integration of lighting fixtures into the park's landscape, preserving its natural aesthetic.
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HCI Lighting's collaboration with its representative and Bayfront Park exemplifies the transformative power of innovative lighting solutions in urban environments.

By overcoming challenges and delivering tailored lighting solutions, HCI Lighting helped create a vibrant, safe, and sustainable outdoor space for the Hamilton community to cherish for years to come.



The F172 Series luminaire shall consist of an injection-molded UV stabilized diffuser, a spun aluminum shade assembly, an aluminum cage and an internal optical system. The aluminum cage shall consist of four extruded aluminum struts and a cast aluminum ring welded together. The diffuser shall be secured to the gasketed fitter with stainless steel hardware. The LED shall feature quick disconnect plugs for easy maintenance. The LED shall be factory wired, tested and mounted on a keyholed cast aluminum plate. All electrical components shall be UL listed and labeled.

Established in 1986, HCI Lighting proudly stands as a Canadian company competing globally, always embracing the latest technological advancements while delivering exquisitely crafted and elegantly designed lighting and other products. With a commitment to innovation, our in-house foundry ensures bespoke solutions, allowing us to meet your unique requirements, enabling us to create custom designs from scratch and prototype novel ideas.

For tailored solutions to transform your vision into reality, reach out to us at [sales@hclighting.com](mailto:sales@hclighting.com) for additional information.

