



# CASE STUDY

## RUE SAINT-JOSEPH, LÉVY, QUEBEC.



Illuminating Rue Saint-Joseph, Lévis with HCI Lighting's **SL20** Outdoor Decorative Lights.

HCI Lighting had the unique opportunity to collaborate with its representative, NES Marketing, to illuminate the historically significant area of Saint-Joseph-de-Lévis in Old Lévis, Quebec. This district is steeped in history, epitomizing the Victorian era in Canada. This period reflects the architectural and cultural milieu of the second half of the nineteenth century and marks the culmination of the industrial revolution within the British Empire, symbolized by the development of the railroad. Lévis was home to some of Canada's first industries and boasted a train station that predated even Quebec City's. The city's heritage is intertwined with the formation of the French-Canadian identity.



### Challenges

1. **Historic Preservation:** Integrating modern lighting solutions into a district protected for its historical and architectural value posed a significant challenge. The lighting fixtures needed to harmonize with the Victorian aesthetic without detracting from the historical ambiance.
2. **Durability and Maintenance:** The harsh Canadian climate, characterized by severe winters and fluctuating temperatures, demanded lighting solutions that were not only durable but also easy to maintain.
3. **Energy Efficiency:** Modern lighting installations required a focus on energy efficiency to reduce environmental impact and operational costs, aligning with contemporary sustainability practices.
4. **Aesthetic Compatibility:** The lighting needed to add to the charm and allure of the historical district, enhancing its visual appeal while maintaining the integrity of the Victorian architectural styles.



### Solutions

To meet these challenges, the SL20 fixture was selected for its blend of advanced technology and aesthetic versatility:

1. **Clear Tempered Glass:** Chosen for its durability and ability to withstand weather extremes while maintaining clarity.
2. **Tool-less Latching System and Quick Disconnect Wiring System:** Ensures ease of maintenance and rapid replacements, minimizing disruption and preserving the historical site's appearance.
3. **Die-cast Aluminum Housing with Polyester Powder Finish:** Provides excellent weather resistance, essential for outdoor installations in harsh climates.
4. **IP66 Optical System:** Ensures the fixture is dust-tight and resistant to powerful water jets, suitable for all-weather outdoor use.
5. **LED Technology:** Offers a range of wattages from 55W to 150W, providing efficient and bright illumination while consuming less power.
6. **High Power Factor Electronic Driver (IP67):** Ensures high energy efficiency and accommodates a wide range of input voltages, providing consistent performance.

 **Results**

The project delivered exceptional results, fulfilling all the set objectives:

1. **Enhanced Nighttime Aesthetics:** The SL20 fixtures significantly enhanced the nighttime aesthetics of Old Lévis, casting a refined and bold light that accentuated the historic charm of the area.
2. **Energy Efficiency:** The LED technology employed in the SL20 fixtures resulted in a marked reduction in energy consumption, aligning with modern sustainability and environmental goals.
3. **Durability:** The robust construction of the SL20 fixtures ensured they could withstand the challenging Canadian weather conditions, reducing the need for frequent maintenance and replacements.
4. **Community Feedback:** The installation received overwhelmingly positive feedback from the local community and visitors, who appreciated the seamless integration of modern lighting with historical aesthetics.



The installation of SL20 fixtures in Saint-Joseph-de-Lévis successfully addressed the dual challenges of preserving historical aesthetics while incorporating modern, durable, and energy-efficient lighting solutions. This project not only enhanced the visual appeal of the area but also underscored our commitment to quality and sustainability in outdoor decorative lighting.

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## HCI Lighting

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.

## NES Marketing

Based in Quebec, has over twenty-five years of experience in the lighting industry, specializing in both exterior and interior lighting solutions. They are the official representatives of HCI Lighting in the Quebec area, renowned for their expertise in outdoor decorative lighting. Together, NES Marketing and HCI Lighting provide innovative and high-quality lighting solutions that enhance the aesthetic and functionality of outdoor spaces. Their collaboration ensures that clients receive top-tier products and exceptional service tailored to their specific lighting needs. For transformative outdoor decorative lighting, NES Marketing and HCI Lighting are your trusted partners in Quebec.

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