

# STANDARD PARKING PLUS *CASE REPORT*



# About SP+

**Size of Facility: 49,410.45 ft<sup>2</sup>**

SP+ is a diverse provider of professional parking, ground transportation, facility maintenance, security, and event logistics services to real estate owners and managers in a wide array of markets. Their commitment to Innovation in Operation® has made them an industry leader in delivering advanced capabilities to support their clients' expanding performance and financial needs. Not only can they provide exceptional market-based expertise in each of their service lines, they utilize the latest in advanced technologies and marketing strategies, and have taken new innovative approaches supporting revenue management to maximize the performance of their clients' businesses.





# Problems

Sp+ had strong intentions to complete a retrofit project because the maintenance fees were becoming too costly to maintain the area. However, they needed to persuade the owner because they were merely a management company. There were many shareholders involved which made it nearly impossible for them to come to an agreement. Upon receiving a fine from the City of Toronto, an agreement was finally reached to move forward with the project.

Haneco's energy consultants found some major issues surrounding safety and efficiency during the preliminary assessment of the facility. The lights were too dim causing safety concerns for customers who utilize the garage. Although fixtures were plenty, they were outdated and many of the lights were not replaced even after burning out.

## Outdated Technologies



### 250W HID Light Bulb

These 250W high-intensity discharge bulbs produce energy by an electric arc through a mixture of vaporized mercury and metal halides. The drawback from using these lights would be high maintenance costs, dim lux levels, fire hazard risks, and exposure to mercury.



### 250W HID Light Fixture





250W HID Canopies (front) compared to the 45W LED Canopies (back)

# Solution

The project was completed in two months. This was longer than the estimated length of the project because the facility operated 24/7 and there were a number of customers who parked there overnight. As a result, it was difficult to navigate materials, tools and any necessary machinery throughout the garage on a day-to-day basis.

Haneco offered an interest free installment, resulting in SP+ only using their maintenance budget to cover the cost of the project so they did not have to spend any extra capital.

# Updated Technologies



## 45W LED Canopy

LED lighting is advantageous compared to HID lighting in many ways.

LEDs have a longer lifespan without deterioration of quality of brightness and colour. The maintenance and energy costs are decreased substantially. Also, LED lighting is more durable under extreme weather conditions and temperatures. This is because HID lights usually need to draw more power to produce the same amount of light; unfortunately, this results in production of heat.

# Results

Converting to LED lighting poses many benefits to any business. LED lighting provides constant brightness and consistent colour throughout its lifespan while HID lighting will deteriorate in brightness as well as change in colour as time progresses.

For SP+, upgrading to LEDs created virtually no maintenance costs, the lifespan increased from 20,000 hours to 50,000 hours, and Haneco's qualified staff removed and disposed of all the mercury that was emitted from the old HID fixtures.

On top of the annual savings, SP+ received a rebate through the SaveOnEnergy program provided by the Government of Ontario.

ANNUAL ENERGY SAVINGS

**252,204 kWh**

GOVERNMENT REBATE

**\$37,998**



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# ABOUT HANECO

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## WHY CHOOSE US?

Haneco Canada Inc. is a part of a multinational LED manufacturing expanding from South Australia, which is committed to creating a more sustainable future through energy efficient products.

With a proud history of efficiently retrofitting multiple businesses with LED alternatives in its home base, Haneco Canada can offer a wide range of products to meet the majority of lighting needs and utilize our technology to meet individual client needs by providing the best and most cost efficient solutions.

## CONTACT US

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