

## LED Case Study Model # LED-G1-3 Rockwell Automation, WI

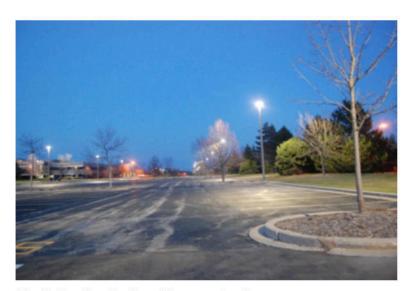


## Rockwell Automation is located in Mequon, WI a suburb on Milwaukee's north side. Rockwell Automation is the world's largest company dedicated to industrial automation, making their customers more productive and the world more sustainable. Their flagship Allen-Bradley and Rockwell Software product brands are recognized for innovation and excellence worldwide. Most of their energy consumption and carbon footprint is from electricity use for light, heat and cool buildings (known as Scope 2, indirect emissions). To make continued progress toward their 2022 goal to reduce Scope 2 CO2-e emission by 30 percent, the company expects to save at least 70% in electrical consumption for their outdoor parking lot and walkway lighting.

Rockwell Automation presently has over 1,100 employees at this 580,000 sq/ft. facility where they manufacture industrial and commercial automation products. To support their large staff of associates, Rockwell has 48 acres of land and 1500 parking spaces. There are 67 pole fixtures providing a safe and secure environment at night. Each fixture contains a 400 watt metal halide bulb and ballast consuming 459 watts. LED retrofit kits have provided Rockwell with a reduction to their outdoor lighting bill of an amazing 72%, surpassing their goal.

## Solution Delivered

Previous Fixtures 67 parking lot poles 400W MH	LED Retrofit Kits 67 LED-G3-3 kits	Improvement 332 watts saved each 22.244 total watts saved
459 input watts	127 input watts	72% energy reduction
21 wall paks 400W MH	21 LED-G3-3 kits	332 watts saved 6,972 total watts saved
459 input watts	127 input watts	72% energy reduction



Mr. Al Czajka, Project Manager for Spectrum Electric/Pieper Power, the electrical contractor who sold and installed the retrofit kits, states: "Rockwell Automation is a green-minded corporation that is very serious about reducing their carbon footprint. When they saw the savings numbers and had seen the retrofit kits demonstrated at night, they were convinced that this was the right thing to do for both the company and the environment."

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