

Bergen County's multi-story parking structure gets an LED makeover from Light Efficient Design!



For three years, Swift Electrical Supply had been encouraging the maintenance team at Bergen County Parking Garage to consider replacing their HID lighting with LED. Each of their current 330 HID fixtures was consuming a minimum of 84W of power per day. 70W Pulse Start MH lamps were supposed to be fitted into every parking garage fixture, although in actuality, various lamps of differing brands, wattages and types were being used. The structure's inconsistent HID lighting led to widespread lamp outages and frequent patron complaints.

As Bergen County aimed to reduce their energy costs and consequently, their carbon footprint, they began making productive changes in 2011. They were awarded a grant to add solar panels on top of the parking structure, in order to generate the energy needed to power the Bergen County Administration Building next door. The following year, the county received another grant to update their parking garage to a more efficient lighting source.

They proceeded to test a variety of lighting options for their existing parking garage fixtures by trying replacements including LED, induction fixtures, and induction retrofit kits. During this evaluation time, Swift Electrical Supply received Light Efficient Design's LED lamps to replace HID lamps in existing fixtures. In late 2012, August Sodora, President of Swift Electrical Supply, sent his team to the Bergen County Parking Garage with 52W LED garage lamps to be used for testing. Impressed with the results, the customer opted to replace their 330 HIDs with Light Efficient Design's LED-8025-DL lamps. Swift Electrical Supply delivered the product to Bergen County in January, 2013 and the entire installation was completed shortly thereafter.

As Sodora explains, "For three years, we had been encouraging our customer to move toward more energy efficient lighting. Once they were ready, we were able to quickly supply them with the best solution for their facility. Bergen County is very happy with the results: energy savings, a 42% carbon reduction, and great light for their users."



LED-8025

This brighter 52W lamp ensured a safer facility, provided huge energy savings, AND delivered a fast ROI for Bergen County!



Bergen County chose the most cost effective and energy saving solution. The significant reduction of future labor alone, allowed them to recoup their installation costs in less than 2 years.