



# HACKENSACK UNIVERSITY MED CENTER

Hackensack, New Jersey



Hackensack  
Meridian Health  
Hackensack University  
Medical Center

## Contract Type

Lighting

## Contract Amount

\$949,000.00

## LIGHTING CASE STUDY

FSG upgraded over 11,000 lighting fixtures across the Hackensack University Medical Center campus, improving energy efficiency and enhancing visibility with state-of-the-art LED technology.

## CHALLENGE

As New Jersey's largest provider of inpatient and outpatient services, Hackensack University Medical Center (HUMC) sets a high bar for healthcare innovation and facility excellence. To support their mission and maintain their status as one of the nation's top hospitals, HUMC partnered with FSG to modernize their lighting infrastructure across the entire campus. With a contract value of \$949,000, the project focused on significantly improving energy performance, safety, and aesthetics through advanced lighting solutions.

## SOLUTION

FSG tackled the lighting overhaul with precision, replacing outdated fixtures in a variety of spaces including mechanical rooms, parking garages, cove lighting areas, and the hospital's soaring 65-foot atrium. Each upgrade was carefully selected to balance light quality with energy savings. In the parking garages, 175W metal halide lamps were swapped for 55W high-output LED screw-in lamps, drastically cutting power consumption without sacrificing brightness. Similar efficiency gains were achieved throughout the facility using LED linear lamps and custom retrofit solutions.

## RESULT

Beyond energy savings, the lighting transformation helped elevate the patient, visitor, and staff experience by creating brighter, more welcoming environments across the campus. FSG's expertise in large-scale healthcare projects and LED integration ensured a smooth transition with minimal disruption to HUMC operations. This lighting upgrade now stands as a model for forward-thinking hospitals aiming to align operational excellence with sustainability.

