

Other

Municipality

Private

Airport

Education

Hospital

Business



Gateway Garage at IUPUI
Indianapolis, IN

52%

Reduced CO₂ emissions over standard lighting

470

Total fixture count

98 watts

Actual power draw from fixture



Gateway Garage at IUPUI

New Light for a New Garage

A new parking garage serves as the entrance to campus

About the Project

With IUPUI committed to expanding its academic pursuits, enrollment has also increased. Since commuters form the majority of the student population, finding a parking space went from being a tedious necessity to a stressful endeavor. The new Gateway Garage has alleviated that problem and has become the “go-to” garage for the east end of campus.

Obstacles to Overcome

With the majority of campus buildings concentrated in the center and west end of campus, the new garage on the east end had very little outside ambient lighting to add to the garage lighting. The requirement of this facility to “stand alone” required a solution that would provide excellent lighting entirely from within the garage while neither overlighting the structure nor using excessive energy.

Induction Solution

ECO Lighting Solutions met with the Facilities Department of IUPUI and told them of induction lighting. The low power requirements and easy maintenance were positive attributes, but the quality of the light was the main selling point. The CRI of over 80 and CCT of 5000K produces the crisp, white light necessary for a safe environment.

To illustrate the quality of this light, we were told of the student who decided to use the garage to work on his car. As a commuter living in an apartment, his options for maintenance were limited. Therefore, he decided to perform this task in a garage at IUPUI. When asked why he chose the Gateway Garage, he responded, “The light is so much better than the other garages. I can see better, even underneath the car.” As a comparison, an example of the other garages he could have chosen can be seen in the background on the front page of this case study. These garages use high pressure sodium, producing an unfavorable yellow glow while pulling twice the amount of energy as induction.

“Although the light meter readings registered lower than our other H.I.D. garages, induction’s white light has made this the best lit garage on campus.”

John Kamman
Campus Facility Services

“While there were other companies offering induction, the 5 year parts and labor warranty, fully backed by Sylvania, was a major selling point.”

Jerry Stuff
Campus Architect



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