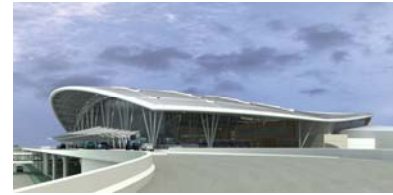


Indianapolis International Airport –
Midfield Terminal
Indianapolis, IN



Lighting Introduction



The new Indianapolis International Airport demands a sophisticated lighting system not only will provide a general illumination purposes, but also the aesthetical power of lighting will make or break this beautifully designed structure. Having to take form in the shape of a bird taking flight, this sculptural building requires a careful accent solution to highlight its smooth contour outline without damaging the night sky condition. With more than 75% of the interior spaces having access to daylight, views and an estimated 30 square-feet of curtain wall exposure per passenger, daylighting plays a significant part of the lighting design depth as well.

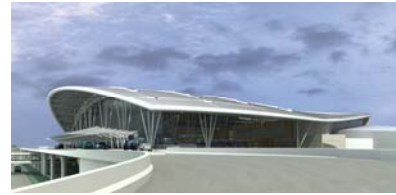
Four spaces are chosen to be the focus of my lighting redesign study:

1. Exterior Departure/Canopy Area
2. Ticket Hall
3. Civic Plaza
4. Passenger Concourse

I have structured my study in a way that will give you the identical experience of what a passenger will experience when they are visiting this airport. This experience is following a path sequence in the order of how someone will walk through this space. First you will arrive at the Departure Canopy area, which will connect you to the Ticket Hall. After checking in, you are then entering the Civic Plaza which eventually will direct you toward one of the identical Passenger Concourses. There at the Passenger is where you'll leave the airport, hence the experience will be completed.

Each space is addressed with design criteria, identified problems as well as a design solution to resolve the problem. Lighting plans, sections, calculations, illustrations and renderings are used to support and help explain how I am bringing my ideas to reality. Daylighting was taken into account when necessary for individual spaces that requires particular attentions. Then, proper equipments and fixtures are specified to demonstrate my understanding of available products that

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are currently out on the market. Most fixtures I am utilizing are of the latest technology such as LED fixtures, as a reflection, to compliment the cutting edge design of the airport. Along the process, fixtures amount are adjusted and carefully considered according to ASHRAE 90.1's lighting power density guideline.