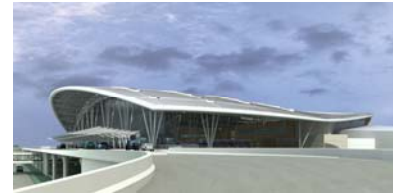


Indianapolis International Airport –
Midfield Terminal
Indianapolis, IN



Final Conclusion

The Exterior Departure Canopy area lighting redesign can potentially and is, very likely to acquire the LEED's Lighting Pollution credit. It also resulted in a huge energy saving as well as budget savings.

Most of the lighting system in Ticket Hall are preserved to the existing condition. More than half of the interior upright fixtures near the entrance vestibules are taken out in consideration of LEED's Lighting Pollution Credit (luminaires located at less than 2.5 times the mounting distance to the exterior). The addition of in-grade LED luminaires has a result that turned out the way I wanted which is satisfying.

Massive Plantation in the Civic Plaza has very effectively created an Civic Garden. On top of all the benefits the act has caused, this rather forward-thinking concept can potentially earn the airport another 2 to 4 extra LEED credits in the Innovation in Design category.

The Concourse's artificial tunnel utilizing in-grade LED uprights has provided the much needed visual interest to the space without exceeding ASHRAE's lighting power densities requirement.

After numerous testing, trials and error study, the redesign of the Indianapolis International Airport is a relatively successful experience. Due to the tremendously large scale my space has, only 600000 sq-ft out of the total 1.3 million sq-ft of the spaces are covered within my study. Despite the daunting size and amount of information I was presented, I have found myself successfully designed down the details of each space. Every space has met with IESNA's illuminance level requirement, certain cases, met and exceeded the requirement of ASHRAE's lighting power density standard by over 40%.