PERKINS+ WILL
CASE STUDY
2016

AUDACY
WIRELESS LIGHTING CONTROL
YOUR WORLD IN A BETTER LIGHT
PREFACE

Perkins+Will chose the Audacy Wireless Lighting Controls system for the remodeling of its Minneapolis, Minnesota office after seeing a demonstration from Audacy rep Mlazgar Associates. Russell Philstrom, the Sustainable Design Team Leader of the Minneapolis office did not have any previous knowledge of either Audacy or IDEAL®, but trusted the product after seeing the demonstration. “It’s good to have a reputable name and a business that’s been around for a while. They won’t put out a product that they can’t stand behind because their reputation is on the line,” said Philstrom.

The Perkins+Will location in Minneapolis is a unique, open office concept with a few huddle rooms, exposed beams in the ceiling and a flexible sized area for worker cubicles. The specific areas where Audacy was installed were the cubicle area, small conference room “pods,” a library full of architect material samples with a large glass window on one side and a large conference room/presentation area with a removable wall.

When asked what issues Philstrom was hoping to address in the space with Audacy, he stated that the office was designed with flexibility in mind and that he needed something that would enable the space to be modified and changed over time. They were also aiming to obtain LEED certification for commercial interiors for the space, requiring them to follow very strict regulations.

AT A GLANCE

BUILDING TYPE
Office Building Retrofit

LOCATION
Minneapolis, MN

FIXTURES
159

PROJECT SCOPE
27 Motion Sensors
3 Light Sensors
19 Switches
1 Gateway

COMMISSION DATE
2016
RESULTS

After installing 27 motion sensors, 3 light sensors and 19 switches into the Perkins+Will location, Philstrom has experienced more flexibility than previously thought possible. He also found that it was much easier to pursue the LEED certification for commercial interiors after installing the AUDACY® system. Additionally, the company received more credits than they had originally anticipated (specifically credits for lighting controls; Credit 1.2 of LEED 2009: percentage of wattage on occupancy sensors and daylight sensors).

Perkins+Will has tested out the occupancy, daylight harvesting and scene programming features since installing AUDACY and can already tell it is saving them energy. “Setting the dim levels down to 10% instead of having emergency lights come on when space is unoccupied saves energy and gives occupants more comfort if working after hours or on weekends,” said Philstrom.

INSTALLATION CAPABILITIES

- Occupancy
- Vacancy
- Dimming
- Scene Programming
- Remote System Control
- Consumption Reporting
CONCLUSION

Perkins+Will turned to the AUDACY® Wireless Controls system by IDEAL® to install lighting controls in their Minneapolis, Minnesota open office space, which guarantee them flexibility and help in obtaining LEED certification for the building. With the system, employees were able to control their space simply and efficiently like they had never been able to before.

“Lighting controls are crucial to a higher performance space. [...] [It is] good to see systems out there that are becoming more user friendly so users can adapt a system to how they are actually using a space vs. how they thought they were going to use the space.”

- RUSSELL PHILSTROM, Perkins + Will
Senior Associate: Sustainable Design Team Leader

ABOUT AUDACY

Audacy is advanced wireless lighting control that changes your space. It’s a system designed to be as future-proof as it is innovative, giving you the power to see your world in a better light. And it’s all from IDEAL Industries, Inc., the family-owned, professionally-managed company that’s been advancing industries and providing unparalleled customer service to the trades for more than 100 years.

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