

Case Study for:
Federal Office Building
Midwestern, U.S.



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“Installation of Revolution Lighting’s LED tubes is the next step in the advancement of sustainability, yielding significant cost savings and quick return on investment.”

- Jay Black, VP Development & Communications, Revolution Lighting



LED LIGHTING TECHNOLOGY USED

- 15W 4-ft LED Tube Lights
- 8W 2-ft LED Tube Lights
- 2W LED Household Lamps



PRODUCT BENEFITS

OPERATIONAL

- 3X greater lamp life than fluorescent, supported by industry-leading 10-year warranty
- 70,000 hour lamp life reduces long-term maintenance costs
- Instant on, no warm-up time

SAFETY

- No glass
- Negligible light depreciation over time
- Superior light output

SUSTAINABILITY

- Lack of UV or IR minimizes concerns with fading or discoloration
- Mercury-free, allowing for non-hazardous disposal
- 100% recyclable

OPPORTUNITY

A six-story U.S. federal building in the Midwest needed a change desperately. Every year, the electricity to run the building’s lights costed more than \$38,000. More than 5,200 outdated T8 fluorescent tube lamps, which also required regular lamp and ballast replacements, lit up most of the space. Tired of overspending and continuously replacing lighting products, the federal building turned to Revolution Lighting for better lighting options.

SOLUTION

Revolution Lighting provided a bright, efficient solution with its LED tube lights, and replaced every interior light in the building, which included the basement, elevators, lobbies, stairwells, hallways, offices, and other common areas. Immediately after the retrofit, the facility realized a 50% reduction in lighting energy costs. When combined with the money saved on maintenance and lamp replacements, the cost of retrofitting the entire building with long-lasting, energy-efficient LED lighting could be recouped in just a few years. Revolution Lighting’s LED tube lights have a rated lifetime of 70,000 hours and carry a 10-year warranty. In at least one Midwestern U.S. federal building, lighting maintenance will no longer be a nightmare.