



Case Studies: Lumen in the Real World

(All numbers are estimates based on current tariffs and operating profiles.)



PE-Backed Industrial – Manufacturing Facility

Footprint: 188,000 sq. ft.

Operations: 24x7; interior and exterior lighting; zero production disruption during retrofit.

Scope: 766 fixtures converted to high-efficiency LED and controls.

Results:

81% reduction in lighting power consumption.

Annual EBITDA increase: \$108,000

Estimated lifetime savings: \$800,782

IRR: 95% on the project.

? Why it matters: The sponsor now has a cleaner, brighter facility and a recurring EBITDA uplift that supports higher valuation multiples at exit.

PE-Backed QSR Portfolio – Multi-Site LED Rollout

Footprint: 26 quick-service restaurant locations.

Operations: 18x7; interior dining and kitchen lighting plus exterior/parking.

Scope: 811 fixtures upgraded to LED across the portfolio.

Results:

72% reduction in lighting power consumption.

Annual EBITDA increase: \$117,536

Estimated lifetime savings: \$1.316 million

IRR: 137% on the investment.

? Why it matters: Standardized specs and a single turnkey partner allowed the PE owner to execute quickly across all sites and lock in portfolio-level savings and ESG benefits.

PE-Backed Industrial – Printing (US & UK Portfolio)

Footprint: 933,000 sq. ft. across multiple US and UK sites.

Operations: 24x7; interior production and warehouse lighting, and exterior security lighting.

Scope: 3,824 fixtures replaced with high-efficiency LED and controls to avoid production downtime.

Results:

84% reduction in lighting power consumption.

Annual EBITDA increase: \$896,000

Estimated lifetime savings: \$7.2 million.

IRR: 92% on the program.

? Why it matters: Standardized specs and a single turnkey partner allowed the PE owner to execute quickly across all sites and lock in portfolio-level savings and ESG benefits.

Ready to Explore What's Possible?

Energy is one of the few levers that improves profit in month one without asking you to sell more product, raise prices, or cut headcount. Let's work together to turn your facilities into a quieter, cleaner engine of EBITDA and asset value.



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