

Case Study for:
TF Green Airport
Warwick, Rhode Island



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Parking

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“Revolution Lighting’s division, Energy Source, moved through the project quickly, working well with the different business entities we have at the airport. The installation of LED lighting and control solutions improved the overall light levels, while reducing the overall maintenance costs.”

- Joe DaSilva, Assistant Vice President, Landside Maintenance



ENERGY SAVINGS



PAYBACK PERIOD



IMPROVED EFFICIENCY

TURNKEY SERVICES USED

- Scope development
- Budgeting
- Project management
- Incentive procurement

PRODUCT BENEFITS

OPERATIONAL

- 3X greater lamp life than fluorescent, supported by our industry-leading warranty
- 50,000 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

TF Green is an international airport, based in Rhode Island, sought to continue its focus toward sustainability and energy efficiency. Its existing facilities were comprised of antiquated lighting solutions, offering an opportunity to significantly reduce facility operational costs, while improving light quality and enhancing safety for its customers and staff. Addressing interior and exterior areas, including parking lots, parking garages, main terminal, terminal ramp, baggage and executive offices, TF Green wanted to partner with a solutions provider who could assist project development through a turnkey solution.

SOLUTION

TF Green Airport utilized Revolution Lighting’s division, Energy Source, based in Providence, Rhode Island, to provide comprehensive turnkey solutions. High-efficiency LED lighting, including Revolution Lighting’s T8 SEP LED tubes, were combined with advanced control systems including daylight harvesting, motion/occupancy, and dimming capabilities throughout the facility. To optimize performance Energy Source assisted with various aspects of the program including scope development, budgeting, project management, incentive procurement, helping TF Green easily manage and complete the retrofit program on schedule and on budget. The extensive retrofit program reduces lighting energy use by 60%, saving \$750K annually to achieve a 2.2 year payback, while offering superior light quality and output for customer and employee well-being and safety.