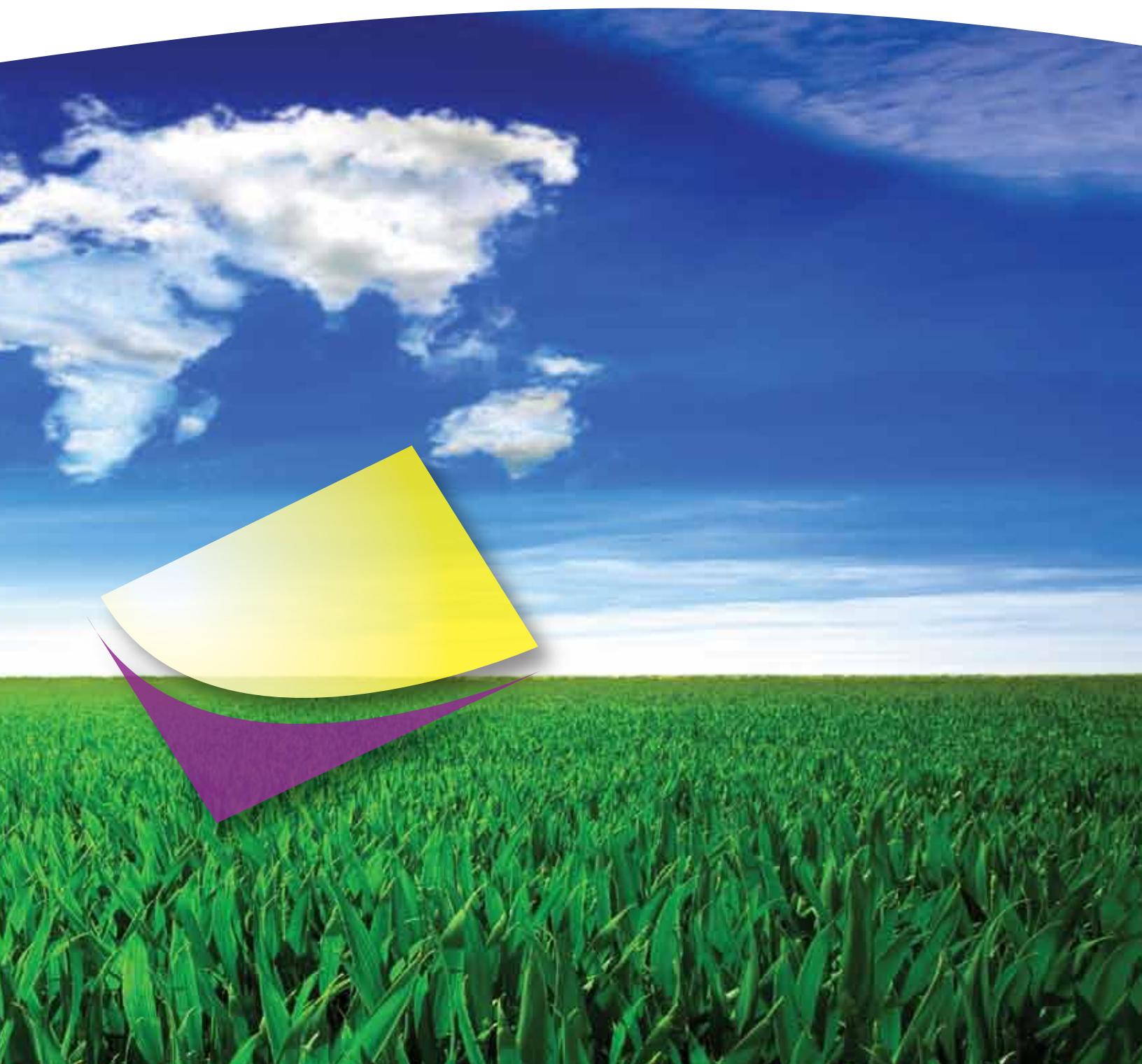


**ONLY THE LEADING LIGHTING TECHNOLOGIES
TO GET THE BEST ENERGY PERFORMANCE**



GO GREEN FULL TURN KEY SERVICE



TRANSCON
LIGHTING SYSTEM INC.

Today, Transcon is inspiring a whole new approach to sustainable technology and design.

Since 1993 we have dedicated in providing to all our customers new ways to energy efficiency throughout innovative lighting technologies. After many years of service, Transcon have worked only with the leading lighting manufacturers, establishing itself as a leader in the market.

Today the going green movement is growing, and the need for renewable energy sources is essential for sustainability. The lighting system is a big part of a building's energy use and there are many different approaches, but which are the best when it comes for durability and performance.

This is when Transcon comes into the picture. We have helped many companies achieve energy efficiency goals by retrofitting their lighting system like no other company in the business. Transcon have installed and tested many lighting technologies, giving our customers a very wide point of view.

The latest in lighting designs are integrating the daylight more and more. Daylight Fixtures are the new trend and we challenged ourselves to find an affordable way to bring daylight into dark spaces where natural light had rarely been an option. The new lighting control designs have standard daylight control capabilities to significantly reduce the use of artificial lighting during daylight hours. This and many more ways to improve your lighting system are found here. Read and discover the many opportunities, no matter which type of business you own.

Contents

Go Green Full Turn key Service	4
Energy Consulting Technology	6
Office	8
Warehouse & Industrial	10
Hazardous Location	12
Exterior	14
Hospitality & Arquitectural	16
Testimonials	17

Visit us at www.retrofittingpr.com and fill a Energy Consulting Request Form today!

GO GREEN FULL TURN KEY SERVICE



Millions of fluorescent fixtures have been successfully upgraded realizing or exceeding the estimated paybacks and energy savings.





1

Lighting Energy Studies

On-site walk thru using the latest in portable technology.

Savings are on the details, with our unique information gathering tools we take into consideration every aspect of the building's lighting system:

- Energy Consumption
- Foot-Candle requirement per zone
- Area Classification, Example: Warehouse (W), Restroom (R), etc.
- Natural light



2

Installation Services

Our installation services are design for a total customer satisfaction that have more than 15 years of experience.

Installation Services Includes:

- Lighting Installation
- Occupancy Control, Lighting Panel and Daylight Control Installation
- And our new Tubular Daylight Device Installation service. Transcon a certified installer for



3

Project Certification

As a part of the Full Turn Key Service, Transcon offer to all of its customers a full Energy Savings Certification Report that includes:

- Commissioning (All Lighting Control Programming with a troubleshooting period warranty)
- Data Monitoring Service
- Certified Energy Results after installation
- Weekly project updates during the installation process



Industrial and Commercial facilities we service includes:

Banks

Hospitals

Industrial Manufacturing

Pharmaceutical

Retail

Restaurants

Sports Arenas

Laboratories

Gas Stations

Parking Garage

Roadway

Corporate Office

Refinery

Gallery

Schools

College Campus

Hotels

and many more

ENERGY CONSULTING TECHNOLOGY

Always a step ahead. Transcon uses the latest in technology for their energy consulting services. Fast, reliable and accurate data gathering so customers can have their results on time. Some Transcon tools are proprietary, so no company can match the reliability of our energy consulting process.



Data Monitoring Services

- Data Logger units record activity of a building's lighting as well as its occupants
- Data Logger software analyzes information and generates customized reports
- Data is presented in "Lights On vs. Occupancy" timeline.
- Customized reports quantify potential energy savings from occupancy sensor projects
- Use of system is provided to qualified customers at no charge



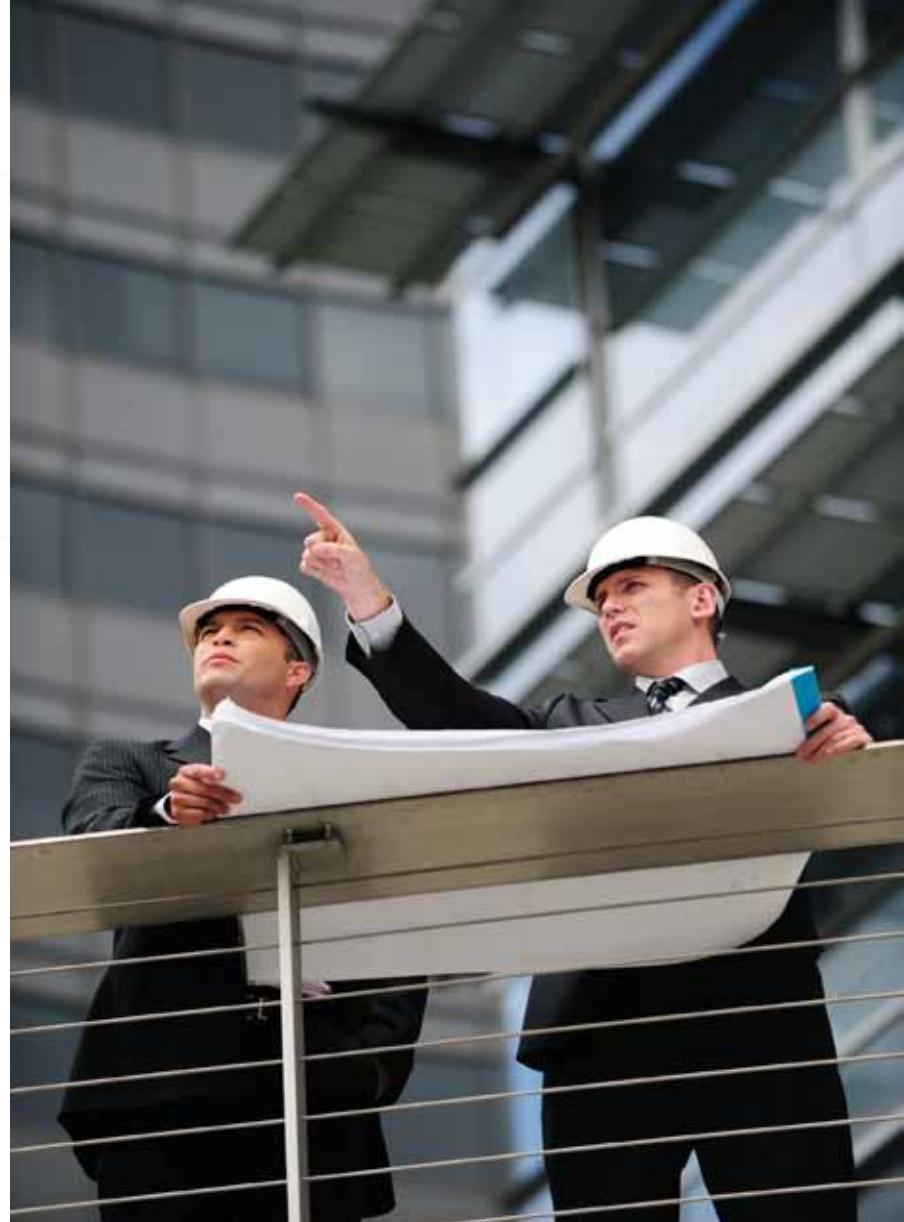
Energy Savings Analysis

Financial - The Transcon Energy Savings Analysis has a flow chart showing project payback period, return on investment (ROI), 5 year cash flow analysis and more

Energy Savings - The results also provides building profile charts detailing area types by load and an analysis of energy consumption and electrical demand both before and after the product installation.



HVAC Savings - The study also provides an analysis of the potential HVAC energy savings. (Optional)



AutoCad Layout Services

As a service to its customers, Transcon offers high efficiency lighting and occupancy sensor project photometric layout and design. Layouts are done using AutoCAD Software with custom of each lighting and occupancy control manufacturer symbols indicating lighting fixtures placement and coverage of sensors.



To submit a project, please fill our energy consulting request form at www.retrofittingpr.com



ENERGY CONSULTING LIGHTING SERVICES



OFFICE OFFICE

Transcon Lighting unique blend of convenience, energy efficiency and simplicity reaps major rewards in common applications found in most buildings.





Bi-level switching (auto-on to 50%/manual-on)

Implement more energy-efficient operating profiles by adding a wall switch.



Retrofit Existing Lighting

Uses 44% fewer lamps over the course of time than traditional three and four-lamp systems

Energy-efficient operation reduces CO₂ production by 750 lbs. per fixture when replacing outdated fixtures

New lamp ballast intelligent technology includes stepped switching bi-level output and end-of-life sensing.



Plug load control

With plug loads accounting for up to 14% of a buildings total electrical load, turning them off boosts energy savings and ROI.



Personal Controls

Offer occupants handheld controls for greater autonomy and comfort in controlling their personal work environment. Research indicates that personal controls typically increase energy-efficient operation as well as individual productivity



Daylight-responsive control (on/off, continuous dimming)

Boost energy savings dramatically with daylighting controls and daylight fixtures or Tubular Daylight Devices (TDD), that turn the artificial lighting off, or dim it, when adequate daylight levels exist. This can increase energy savings by as much as 40%, for a stronger LEED rating.

Ideal area types include:

- Open Offices
- Private Offices
- Classrooms
- Meeting Rooms
- Hallways
- Copy Rooms
- File Rooms



Warehouse & Industrial

Transcon Lighting Systems has been the leader of the most innovative Industrial Lighting Technologies for the past decade with substantial savings and custom solutions.



We helped many companies save millions on CO₂ Emissions by retrofitting the lighting systems with more energy-efficient solutions that release less carbon dioxide in the air and save money on energy bills.



Retrofit Existing Lighting

Added efficiency allows elimination of lamps and ballast or increased light levels.

Get better light, substantially lower energy bills, less hassles, and a higher return on investment.

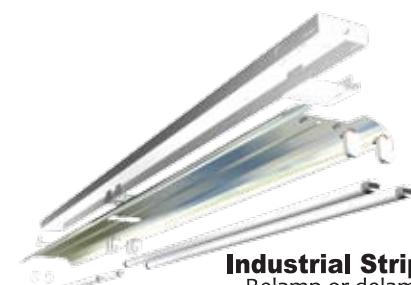
All with a simple update to your current lighting system.



HID Alternative High Bay

Specifically designed to replace or substitute inefficient HID lighting fixtures in retrofit applications.

This lighting fixture will outperform metal halide, high pressure sodium and pulse start metal halide HID fixtures while consuming up to 52% less energy



Industrial Strip Retrofit Kits

Relamp or delamp a 1' x 4' and 1' x 8' fixtures. Enhance light levels and reduce lamp placement cost. Substantial energy savings with excellent payback.



Lighting Control for Green Buildings

Lighting Controls are the key to optimizing energy performance:

- Automatic Daylight Control
- Occupancy-based control with occupancy sensors
- Integrating lighting control with other building controls
- Include strategy for controlling unregulated plug loads



Daylight Fixtures

Are designed to provide superior performance for virtually every daylighting application.

Delivers the purest color rendition possible and the diffuser options allow for limitless opportunities to diffuse daylight into any room.

The Technology uses a series of fresnel lenses to harvest appropriate amounts of sunlight based upon the incidence angles of daylight.



Area Types:

Storage Warehouse	Mechanical Room	Meeting Room
Packaging	Machine Shop	Open Office
Clean Room	Hallway	Private Office
Laboratory	Manufacturing	Work Stations



HAZARDOUS AREA LIGHTING



Transcon introduces the new state of the art fixture for hazardous location lighting.



SafeSite

Its rugged solid state design creates a new era where failed lamps and expensive relamping costs become a thing of the past



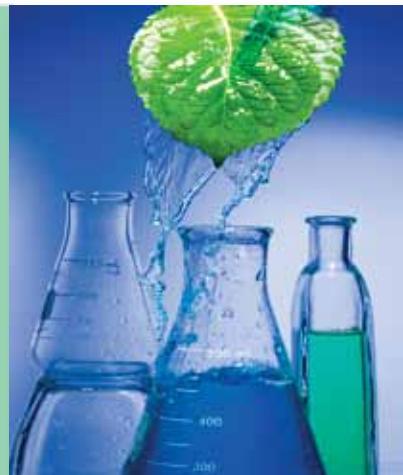
Beacon

This Light incorporates cutting edge LED Technology



LedPak

Proprietary optics to achieve area lighting comparable with other traditional light sources



Benefits:

- Low Power Consumption
- Instant on/off
- Weather / corrosion resistant
- Minimized light spill
- Resistant to shock and vibration

refinery

oil platform

chemical plant

EXTERIOR AREA LIGHTING

Exterior Lighting is critical to security as well as to ambience, and represents a large component of a facility's energy use. Parking lots, garages, walkways, roadway, gas stations, etc...all have different lighting solutions that prevent energy waste and maximizing savings.





Parking Garage Lighting

Is a excellent option for difficult maintenance areas.

Superior lighting within a small footprint.

The aluminum body is a favored material for its thermal properties and ability to illuminate and operate efficiently in cold and high temperature environments.



Flood and Exterior Wall Mount Lighting

Excellent energy savings over HID for External Building Lighting:

- Riveted Construction for added durability
- Aluminum components
- HPS or HID replacement



Gas Stations Lighting

Canopy System delivers lighting performance and a highly refined look not found in other canopy fixtures.

Significantly reduce energy consumption, provide longer illumination life and virtually eliminate maintenance requirements, which translates into tremendous return on investment.



Parking and Roadway Lighting

Roadway Luminaires provide optimum energy-efficiency, especially rewarding for applications with long running hours.

Unique tempered-glass optical system sealed, they deliver unprecedeted hours of lumen performance and eliminate routine maintenance because there are no lamps and ballasts to change.



Exterior Lighting Controls

Lighting Control Panels provide automated control using scheduling or astronomic strategies

Convenient preprogrammed control scenarios that can accept input from optional photosensors, occupancy sensors or switches.



ARQUITECTURAL AND HOSPITALITY

Aesthetic, energy-efficient lighting solutions for hospitality facilities. Innovative lighting and controls improve guest satisfaction. Your guest and staff will appreciate having lighting at optimal levels as well as controls that are easy to operate, or require no effort.





Hotel Card Key Switch

Choose and elegant, energy saving solution, convenient for your guests and staff to use, ensuring their satisfaction and your savings.

Upon entry, a hotel card key is inserted energizing the lighting circuits.

Upon exit, removal of the card key turns off the lighting throughout the room.



Nightlight Wall Switch Sensor

Achieve energy savings of 50% or more, lower your power bills and make your guests feel safe and secure by providing a nightlight and installing an occupancy sensor. The nightlight can be integral to the sensor.

Easily replaces standard wall switch for retrofit.



Halogen and Incandescent retrofit

Uses 80% less energy than standard incandescent bulbs which contains no mercury or lead and utilizes recycled plastics which produces an outstanding 95 lumens per watt

Fits standard incandescent and halogen fixtures with a unique thermal management system which provide unmatched quality and lamp to lamp consistency at a lower cost.



Lighting Control for Green Buildings

Advances in lighting controls have made adding scene control capabilities to new and existing facilities simple and cost-effective.

Dimmers let managers set unique moods with scene controllers that provide one-touch control and repeatable looks.



Volumetric Lighting

This is a new standard in fluorescent lighting that fills the entire volume of space with just the right amount light throughout a room.

This lighting fixture produces a softer, more comfortable light, truly enhancing the environment

Volumetric lighting makes workspaces more attractive and facial features more lively and well-defined.



Daylighting Controllers

Guests enjoy architectural design that brings the beauty of the surroundings into indoor spaces, providing a sense of openness along with the ambient light

Daylight Controllers integrate the daylight available in spaces such as atriums and lobbies with the electric light, and reduce the amount of energy consumed by lighting.



TESTIMONIALS

What Our Customers Are Saying

Transcon Lighting System was the company selected to perform this work starting with an energy assessment and study of the plant. The Transcon's study provides key data on the existing system and specific recommendation to optimize and improve the lighting system. Project Scope consists of install High Efficiency Lighting, Aluminum Reflectors and Occupancy Sensor Controls across the entire PR01 site. We replaced eight foot lamps to four foot T-8, the existing ballast were replaced for electronic ones and the warehouse fixtures were replaced with T5 HID Alternative Fixtures. Occupancy Sensors were installed in almost every area of our site to obtain the right lighting consumption and eliminate the lost energy in all the night working hours. Our energy cost reduction exceed the established goals with a 1.1 year payback and a 93% ROI.

Transcon Lighting System completed our project in a "**high technical and professional way**" with an excellence in safety and coordination. The installation group was extremely flexible on time schedules and always performs the project without affecting our operation in the plant.

Transcon Lighting System is a responsible and reliable company with an excellence personnel and management.

Eng. Angel Peralta, Project Engineer of the Engineering Services Department

Lilly de Caribe, Carolina PR

Roche Diagnostics Puerto Rico had an energy conservation goal of 10% reduction of energy usage. Various alternatives were explored to determine the best suitable option in terms of budget and time frame. The alternative selected was the lighting retrofit. The challenge was to maximize the lighting system efficiency keeping the ROI less than 18 months. Transcon Lighting System performed a preliminary assessment to determine the feasibility of the project. The completion of the project finished with a ROI of 13 months.

The project was completed in a "**very professional and timely fashion**". The group was flexible and performed the project without affecting any operation in the plant.

Thanks Transcon for your contribution in our energy conservation efforts.

Eng. Jose C. Peterson, Facilities Engineer/Facilitator

Roche Diagnostics, Ponce PR

Abbott Chemical Plant had an energy and cost reduction goal. In an effort to reduce the energy consumption we explore the opportunities offered by new technology on lighting retrofit. As a benefit, upgrading our illumination system will be projected on operational cost reduction and increase the quality of light.

Transcon Lighting System was the company selected to perform a preliminary assessment after evaluated their "**experience and technical expertise**". The energy conservation study provided key data on the existing system and the recommendation to improve it in order to determine the feasibility of the project. The completion of the project finished with a ROI of 79%. The project was completed in a **very safe, professional and high technical way** within the due date. The group was flexible on time schedules and adopts high achievements to perform the project without affecting any operation in the plant.

Eng. Pedro O. Mendez, Maintenance Engineer I

Abbott Chemical Plant, Inc., Barceloneta PR

Baxter Healthcare of Puerto Rico had an energy and cost reduction goal. Various projects were explored and lighting retrofit was selected as one to be implemented. Transcon Lighting System performed a preliminary assessment and it was found that had potential energy savings in our facility. The project was completed with a 53% ROI, in a **very safe, professional and highly technical way** within available time. The group was flexible on time schedules and adopts high achievements to perform the project without affecting any operation in the plant.

Thanks for your contribution in our energy conservation efforts.

Eng. Carlos Montesinos, Facilities Manager

Baxter Healthcare Corporation, Aibonito PR



LEED with Sustainable Innovation

Transcon Lighting System, Inc. offer innovative way to be sustainable by earning LEED certification through USGBC. Using **Transcon Go Green Full Turn Key Service** can qualify buildings to earn LEED points in a variety of categories, including:

- Indoor Environmental Quality
- Energy and Atmosphere
- Innovation in Design

The latest in lighting innovations include vast improvements has stretched our imagination to create high performance spaces that not only reduce environmental impact, but also enhance the lives of the occupants.



Solutions for National Recovery

Transcon Lighting System, Inc. is uniquely positioned to help customers take advantage of the vast opportunities brought forth by the passing of the American Recovery and Reinvestment Act (ARRA). With a multitude of products that are ARRA-eligible, we have aligned our businesses, product innovations and acquisition strategies to provide a wide range of solutions to address key global trends facing businesses and economies worldwide including:

- Energy Efficiency
- Energy Demand
- Global Infrastructure

