Toyota of Rockwall Case Study

Auto Dealership Case Study, Exterior & Interior Lighting

The situation. Built in 2007 as the world’s first LEED Gold Certified Auto Dealership, the ownership has been on the forefront of sustainability and energy-efficiency and was eager to be an early adopter of the Toyota LED program. Our team’s challenge was to take this already energy-efficient facility and create an LED lighting package that would enhance the existing energy management solutions, while still providing a sound financial investment (both in additional energy savings and reduced maintenance costs).

The solution. Working with our Toyota Image USA II – LED Program Partners, our team created a more uniform lighting package (with regards to color temperature, fixture types, and light output). For the site lighting, we were able to reduce the overall number of fixture heads from 234 to 74 (as a result of the dynamic performing optics of our premium manufacturer). The savings achieved across the interior, and exterior spaces amounted to a 40% reduction in energy and an annual savings of $48,240 (energy & maintenance combined). Additionally, the environmental impact is quite significant; 235 Tons of Carbon Dioxide and 2,718 kilograms of Sulfur Dioxide eliminated annually.

LEED Gold Texas dealer takes advantage of new LED Lighting Upgrade component of the Toyota Image USA II Program.

“A significant improvement in our service areas, showroom and inventory lot.”
—Don Maddran, Service Manager, Toyota of Rockwall (Rockwall, Texas)

For more information, contact our Toyota Image USA II - GreenTeam: LED@hgiresources.com