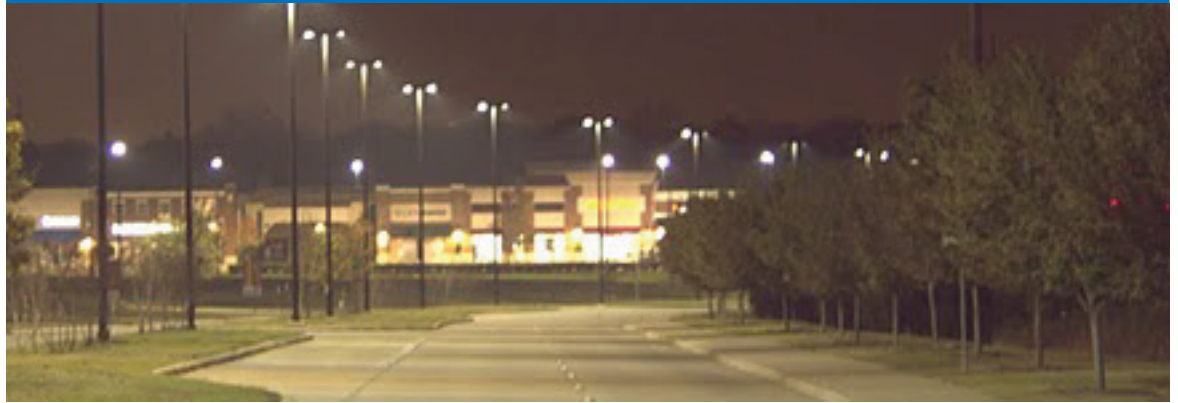




CASE STUDY: Firewheel Town Center



PROJECT HIGHLIGHTS

- » 28% energy and cost savings
- » Retrofit installation accomplished at the rate of 6 fixtures per hour
- » Resultant high lamp lumen maintenance reduces shadows and improves lighting consistency



The Firewheel Town Center is located where highways 78 and 190 meet in Garland, Texas. It is an open-air, mixed-use development with an exciting array of department stores, specialty retail, unique restaurants, and an 18-screen AMC Theatre that complements the fast-growing areas of northeastern Dallas and southern Collin County. It is an architecturally distinctive property: a pedestrian-friendly Main Street town center that feels neighborly and inviting. With over 1 million-square-foot of retail space, the super-regional shopping center also offers more than 75,000 square feet of upscale second-level office space, a large park with a Koi pond and fountain, a children's play area, and other appealing public spaces.

Visitors accessing the Town Center do so via the Firewheel Parkway. When they arrive at night their initial positive impression is formed by the first half mile of a brightly lit divided four-lane access road that is bathed in daylight-like natural white light controlled by Empower Electronics' ballasts.

What visitors don't see is the improved lighting reliability and 40% energy and cost savings that the town of Garland is enjoying as a result of retrofitting their existing lighting fixtures using Empower electronic ballasts.

Retrofitting Garland's fixtures (Kim Lighting model AR-250) was easy. Empower examined the fixture and fabricated a low-cost aluminum bracket that housed the new ballast and snapped into the fixture where the magnetic ballast had been. And because the Empower ballasts are more efficient, create greater fixture efficacy and improve lamp lumen maintenance, new 320 watt lamps were used in place of the 400 watt models used previously.

Using his bucket truck, a local electrical contractor was able to retrofit 76 fixtures at the rate of one every 10 minutes! The job was completed in 1 1/2 days.

Where Garland has installed Empower electronic ballasts they're enjoying better quality light, lower maintenance requirements and 28% lower operating costs.

OUR COMMITMENT

Empower Electronics developments and manufactures microprocessor-based controls that replace core and winding magnetic ballasts and improve the performance and efficiency of new and existing High Intensity Discharge (HID) lighting.

HEADQUARTERS

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