

Boise Streets More Visually Comfortable with Leotek ComfortView™



To achieve their goals of saving energy and addressing discomforting glare, ITD selected Leotek's ComfortView™ Neighborhood LED Street Light

The City of Boise, Idaho is located in Ada County. This past year the Idaho Transportation Department (ITD) finished upgrading the street lights in Ada County from high pressure sodium to more efficient LED fixtures, saving an estimated 50% annually in energy costs. To achieve their goals of saving energy and addressing discomforting glare, ITD selected Leotek ComfortView™.



ComfortView™ street lights utilize a new approach to eliminate glare on neighborhood streets. Traditional first-generation LED optical systems incorporate a single optical lens over the LED. The patented two-stage optical system in ComfortView™ incorporates a second refractor optic, which reduces glare and maximizes visual comfort. To further reduce the harsh contrast between the light source and the dark sky, ComfortView™ incorporates an intermediate lower luminance “transition zone,” which directs internally reflected light back out of the luminaire. In addition, the ComfortView luminaires were specified with a unique supplemental cut off shield to eliminate glare from high angles.

The LED technology is superior to the old sodium lights in many ways, says Justin Price, Traffic Manager for ITD's Southwest Idaho Office. “They are cheaper to operate and maintain, and they have a longer life span. They also produce a whiter light, which improves visibility to drivers.”

[ITD Upgrades Street Lights in Ada County](#) | Idaho Transportation Department