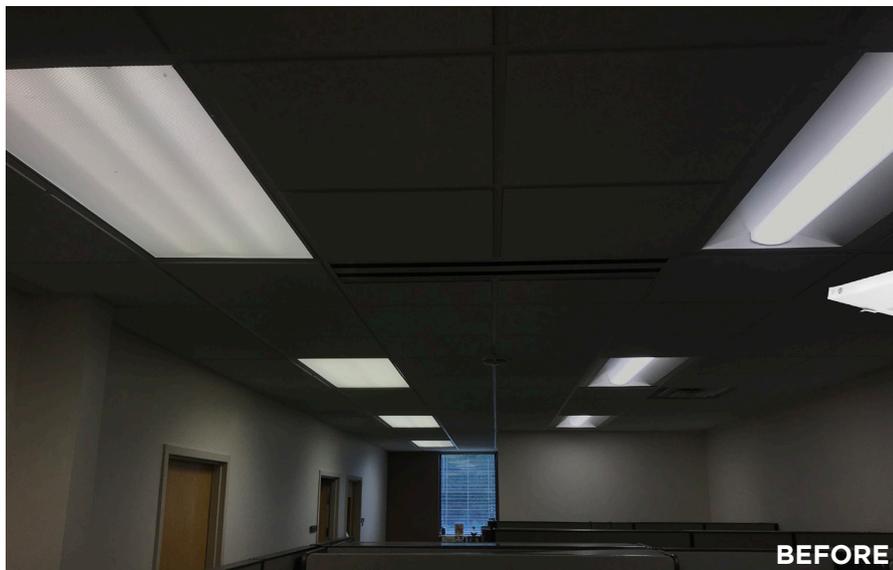


InSite Group Sees Energy Savings with LED Lighting Upgrade



CASE STUDY



“As a project management company who sells the program management, cost savings and ROI of energy efficient light for both interior and exterior environments, we felt it best to capitalize on these savings and show our clients and prospects we believe in the programs we sell by putting them into our own facility.

The new LED is much brighter and whiter than previous lighting, but not as harsh, and just has a better environmental look. The quality of light has greatly improved over the previous lighting.”

**- Rob Karpick,
Vice President of Sales and Marketing,
The InSite Group**

The InSite Group specializes in all facets of interior and exterior brand asset installation, including lighting upgrades. So it was only fitting the brand management company update the lighting at its Knoxville, Tennessee location to showcase the LED products it specifies to clients.

The InSite Group self-performed an interior lighting upgrade of the entire, 11,000 square-foot building using LED solutions by MaxLite. A total of 219 recessed cans and troffers in common areas, private offices and conference rooms were converted to LED using a combination of MaxLite LED Troffer Retrofit Kits, DirectFit T8 Lamps and PAR Lamps. Most of the project involved retrofitting 2' x 2' and 2' x 4' fluorescent parabolic troffers, which ranged from 64 to 128 watts, with 23- and 33-watt volumetric LED Troffer Retrofit Kits (TRK). Replacing the multi-lamp fixtures with the sleek, single-basket design of the TRK immediately created a cleaner, more contemporary ceiling aesthetic. Switching from the warm glow of the incumbent fixtures to a color temperature of 4000K also resulted in crisper, whiter light that was more appropriate to the working environment.



The lighting renovation also included replacing two-dozen 100-watt recessed can flood bulbs with 13-watt LED PAR Lamps in 3000K, and retrofitting four two-lamp, 64-watt fluorescent linear fixtures with ballast-compatible 13-watt DirectFit LED T8 Lamps. Despite a 66 percent reduction in overall energy consumption, lumen output measured roughly the same at 3'6" off the ground (desk height) before and after the renovation.



Total wattage for the existing building lighting was approximately 22,496 watts, with calculated usage of 4,351 kWh per month. After the LED retrofit, building lighting is approximately 6,669 watts, with calculated usage of 1,467 kWh/month. By switching to LED, the InSite Group will save 34,608 kWh and \$4,436 in energy and maintenance costs annually.

MaxLite

MaxLite has been committed to providing energy-efficient lighting products since 1993. One of the first movers into LED technology in the industry, MaxLite offers an extensive line of quality, certified indoor and outdoor LED lamps and luminaires. A five-time recipient of the ENERGY STAR Partner of the Year Award for its industry leadership, MaxLite continues to be at the forefront of energy-efficient technologies through the innovative research and development capabilities of its teams and facilities in New Jersey, California and Indiana.