

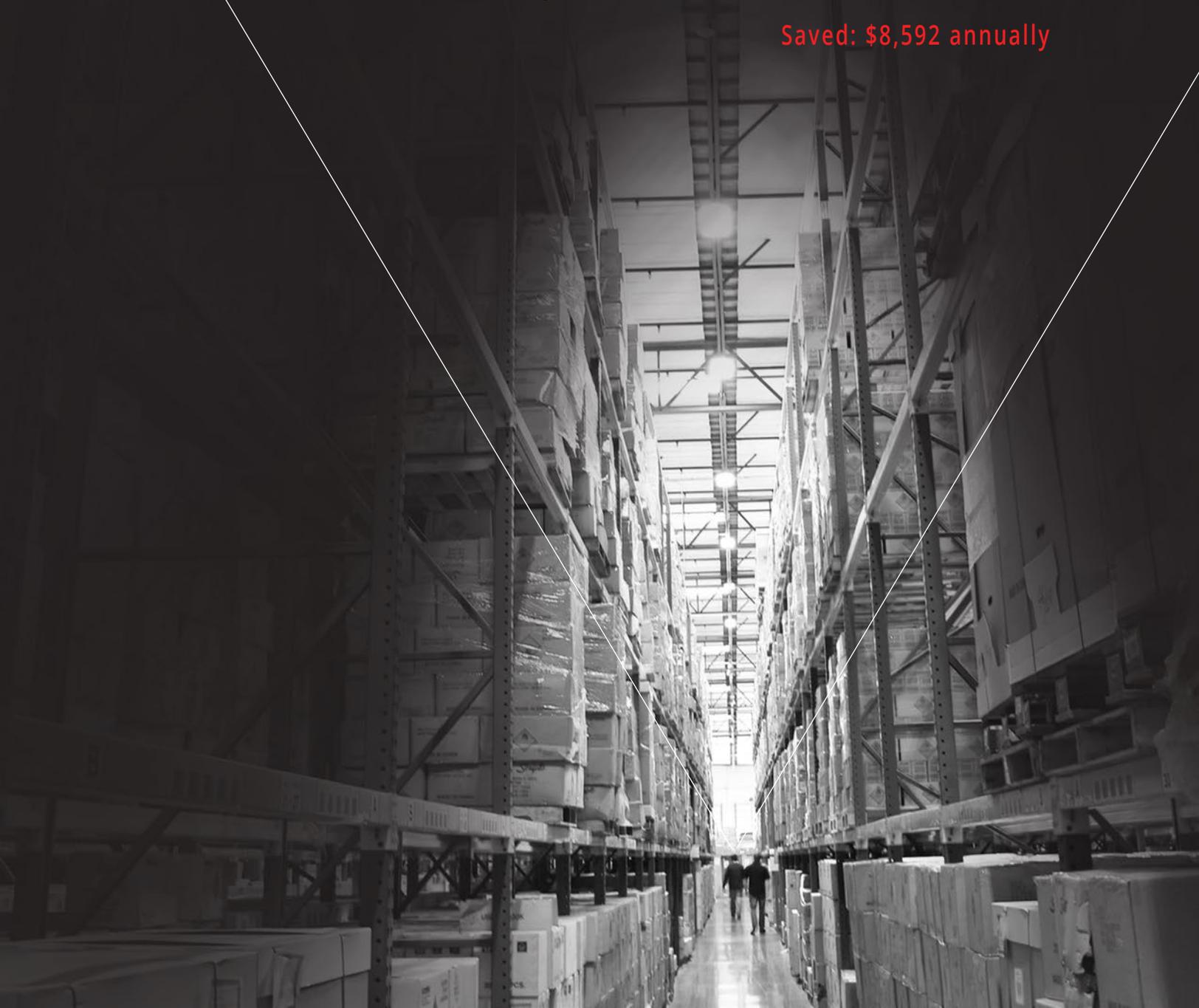
CALICO BRANDS INC ATG CASE STUDY

230,000+ sq ft headquarters in Ontario, CA

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Calico Brands, Inc. based in Ontario, California, is headquarters to Calico®'s U.S. operations. Calico Brands, Inc. is a leading supplier of pocket and utility lighters in the U.S. The warehouse provides a venue for manufacture and housing of Calico brand products and accessories.

Saved: \$8,592 annually



CALICO BRANDS INC

ATG CASE STUDY

Ontario, CA

Stellar

LINEAR HIGHBAY

320 W / 41,000+ lumens / 5000K



AFTER

This ATG Electronics, Inc. product delivers exceptional performance with the 320W Stellar Series LED High-Bay luminaire. Delivering 41,000+ lumens at 5000K, this durable fixture allows one-for one replacement of 1000W HID and multi-lamp fluorescent fixtures.

The Stellar offers exceptional rated lifetimes, zero restrike time, and a compact light weight construction, trumping alternative options and significantly reducing energy costs and re-vamp maintenance costs.



Calico Brands, Inc.



BEFORE

The importance of this facility space underscores the necessity for quality lighting to illuminate the manufacturing of these products properly and accommodate its flexibility as a multi-functional space, such as manufacturing and warehousing. With an aging lighting system utilizing 1000 watt florescent high bay units, the site electrician noted that it was a headache and a costly endeavor to repeatedly replace the fluorescent lamps in waves as they burned out. Seeking to eliminate the constant need for maintenance and also find a way to improve light levels while at the same time seeing a load reduction savings, ATG's LED System proved to be the optimal solutions to properly illuminated the space.



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Solution

With a total of 368 existing fixtures set for replacement, the existing 1000 metal halide lamps were upgraded to 320-watt Stellar high bay units from ATG Electronics, Inc. With the Stellar fixtures operating at 321 system watts compared to the 1000 watt of each metal halide high bays, the one for-one fixture replacement accounted for a reduction of 250,240 watts at the system level. In addition to the reduced energy consumption, the Stellar LED system carries an L70 lifetime rating of 100,000+ hours and is DLC –listed for significant utility rebates on each fixture which helped to further offset the initial investment.

Benefits

The top-quality LED solution provided by ATG Electronics carries multiple benefits over the facilities previous fluorescent system, including flicker-free illumination to reduce eye strain and fatigue that could impact the indoor manufacturing and work performance within the facility. The crisp illumination delivered by their new LED system will provide employees and workers with increased light levels on the floor along with a more balanced distribution that eliminates the shadow spots that were prevalent with the previous system.

Upgrading from their existing fluorescent lighting to the innovative Stellar system will lead to a **58% reduction in energy consumption**. With the lower system wattage of their new LED system and expected usage of 8-10 hours per day, the manufacturing plant will see a reduced **total energy consumption of 66,627 kilowatt hours annually**. Coupled with the average rate for electricity in Ontario as of June 2016, this equates to an expected savings of **\$8,592 annually**.



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Process -Analysis and Customer Service

Offering project analysis to study the required criteria and displaying three dimensional renderings to the clients ATG has a solid history of offering unmatched customer service and support to assist in its customers product selections.



Notable Works

Below are some more examples of the Stellar in finalized projects. The Stellar's design combines functionality, versatility, energy saving, and safety. Skyline shows and proves it is the fixture for your future application.

