

OFFICES | WAREHOUSES

HISCO, INC.

LIGHTING RETROFIT CASE STUDY

Hisco, a specialty distribution company serving diverse markets, enhanced its Houston facility with US LED lighting solutions to optimize operations and elevate customer service.

THE OPPORTUNITY

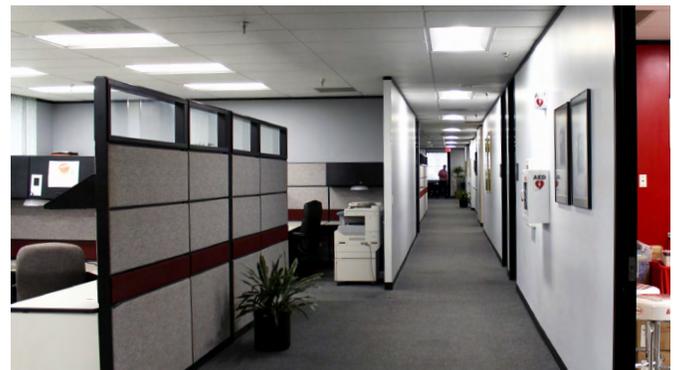
Since its founding in the 1940s, Hisco has become a national leader in supply chain solutions, catering to major industrial markets. The company has expanded through customer-focused initiatives, establishing over 30 international stocking locations. They aim to be a trusted solutions provider through innovation and operational excellence, which is why their Lean Solutions Team has determined that new lighting would be a significant component of operational efficiency.

Over time, the fluorescent lighting throughout the offices and the metal halide fixtures in the warehouse began to fail. This posed a problem for a company that prides itself on inventory management, as the warehouse had poor lighting that negatively impacted operations. Starting with the Houston location, Hisco replaced the old lighting with energy-efficient US LED solutions. Their main goals were to significantly improve lighting quality, reduce the need for maintenance, and lower annual energy consumption.

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Everyone is delighted with the new lighting, the installation process, project management, and communication. Special thanks to all involved for putting this together. US LED a first-class company, and we are all very pleased.

Nelson Picard | Vice President of Operations | Hisco





THE SOLUTION

The US LED lighting experts collaborated closely with Hisco to create a comprehensive solution that could be implemented in less than 30 days without disrupting operations. US LED replaced 357 fluorescent 2x4 fixtures with its TDK troffer retrofit kit. The TDK, at only 30W each, seamlessly transformed the existing fluorescent troffers to LED technology without disturbing the plenum space. Additionally, by incorporating Leviton® smart dimming solutions in the offices, employees can have complete control over the lighting and adjust it according to their needs.

The existing metal halide fixtures in the warehouse were replaced with ExsaBay® XLE LED high bays. US LED's ExsaBay XLE is a scalable lighting solution designed for considerable mounting heights. It offers optical distributions for specific areas, such as aisles between racking. With better efficacy and more foot-candles on the ground, employees can see their tasks in greater detail while the company saves energy.

THE BENEFITS

The new LED lighting has been a huge success, improving the working environment for employees and contributing to their commitment to sustainability. As a result, employee productivity has significantly increased due to improved efficiency, leading to a substantial annual reduction of over 314,000 kWh (74% lower). The integration of intelligent lighting controls not only promises enhanced performance but also ensures significant energy savings in the future.

These long-lasting, energy-efficient LED lighting solutions are expected to eliminate maintenance concerns in the long run, allowing employees to focus on serving customers without lighting issues. With US LED's Ten-Year Warranty backing the new lighting, Hisco can expect hassle-free lighting for years to come, better positioning them to meet the needs of their customers well into the future.



314,000 kWh

Total Energy Reduction



74% Lower

Annual Energy Usage



200,000 Hours

LED Lighting L70 Lifetime



10 Years

Industry-Leading Warranty

USLED
Always the Right Choice!

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