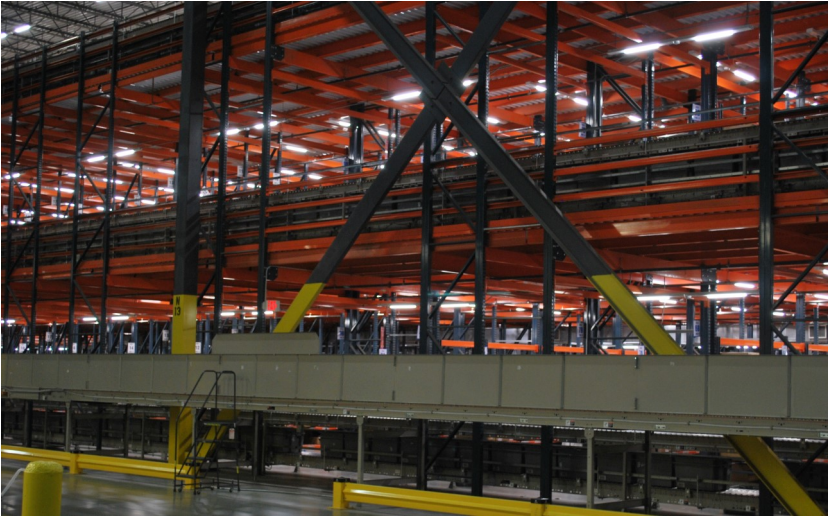


Pick Line

Columbus, OH



4,100 – 50WT LED Strips

The Situation:

Major apparel retailer in Columbus, OH looking to invest in new lighting to replace the existing commonly used fluorescents opts to use energy-efficient LED Lighting to create a more even distribution of light and provide improved clarity when reading labels on boxes. Customer also wanted to eliminate maintenance in two pick modules which was costing them approximately \$70,000 in replacement lamps as well as four hours of maintenance labor per day.

The Solution:

FSC Lighting's L8500 LED Strip Kit was chosen to replace both the F96T8 standard and F96T8HO fixtures throughout in two pick modules in their online fulfillment center, slashing the operating costs while enhancing the visual appeal of their vertical racking.

FSC's 50 watt L8500 Series LED Strip, this major retailer will use 3,451,700 fewer kilowatt hours (kWh) per year, an annual savings of approximately \$272,684 in energy. Annual energy cost savings coupled with the maintenance savings and a utility rebate produced a project simple payback of 2.4 years (based on a utility rate of \$0.079 kWh).

"Apparel retailer saves 70% energy consumption in addition to sensor savings in pick module application"



L8500 Series LED Strip Features:

- Projected L70 398,000 hours
- Daylight harvesting, bi-level/step dimming, occupancy sensors, & emergency battery back-up options
- Energy efficient – up to 90% savings over current lighting costs
- Low maintenance
- ETL and DLC Premium Listed

	EXISTING	REPLACEMENT
TECHNOLOGY	Fluorescent	LED
SYSTEM	2L T8 Strip	LED Light Bars
TOTAL SYSTEM ENERGY USAGE	185 and 110	50
CONTROLS	None	Occupancy Sensors
TOTAL ANNUAL kwh	4,392,500	948,800

FSC Lighting delivers RESULTS:

ANNUAL ENERGY COST SAVINGS:

\$272,684

ANNUAL ENERGY SAVINGS:

3,451,700 kWh