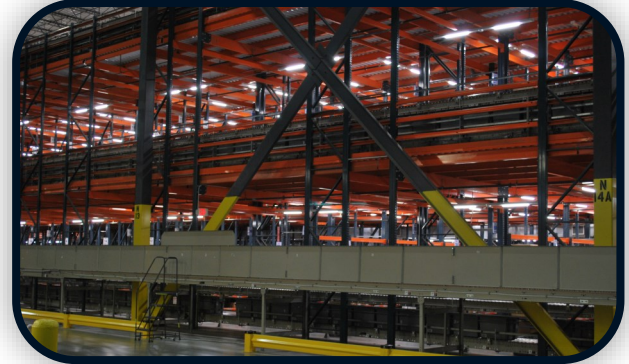
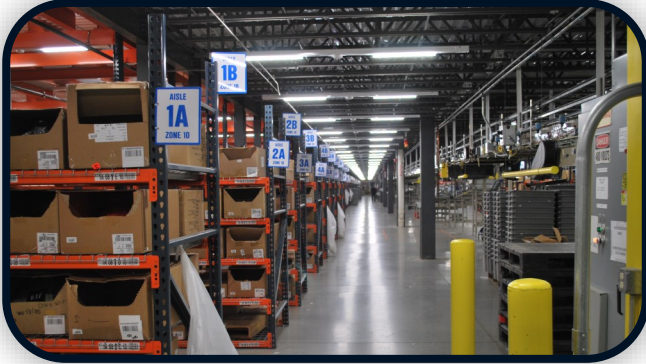




# major apparel retailer II



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

subject: major apparel retailer  
 location: columbus, oh  
 description: 4,100 - 50 wt led strips

## The Situation:

Major apparel retailer in Columbus, OH looking to invest in new lighting to replace the existing commonly used fluorescents with 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).

	EXISTING	REPLACEMENT
TECHNOLOGY	Fluorescent	LED
SYSTEM	2L 8 Foot T8 Strips	LED Bar Strip
TOTAL SYSTEM ENERGY USAGE	185 and 110	50
CONTROLS	None	Occupancy Sensor
TOTAL ANNUAL kwh	4,392,500	948,800

## RESULTS:

ANNUAL ENERGY SAVINGS:

**3,451,700kWh**

ANNUAL ENERGY COST SAVINGS:

**\$272,684**

For more information about the L8500 Series LED Strip and more FSC LED products call 909-948-8878