



1,500 – 25WT LED Strips

The Situation:

Major apparel retailer in Fresno, California, looking to invest in new lighting to replace the existing commonly used dim fluorescents opts to use energy-efficient LED Lighting to create a more even distribution of light and give better clarity when reading labels on boxes.

The Solution:

FSC Lighting’s L8500 series was chosen to replace the 112-watt fluorescent fixtures throughout the warehouse, slashing the operating cost of its entire distribution center while enhancing the visual appeal of their vertical racking. By replacing 112-watt fluorescent lamps with FSC’s 25 watt L8500 Series LED Strip, this major retailer will use 408,112 fewer kilowatt hours (kWh) per year, an annual savings of approximately \$101,520. As an added benefit the L8500 LED fixtures qualified for a Tier 2 LEDA incentive of \$122,000. Annual energy cost savings coupled with the substantial rebate guarantees a payback 1.3 years.

"Apparel retailer receives 75% baseline load reduction plus an additional 75% savings from occupancy sensor in both pick module and conveyor applications."



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	4L T8 Strip	LED Light Bars
TOTAL SYSTEM ENERGY USAGE	112	25
CONTROLS	None	Occupancy Sensors
TOTAL ANNUAL kwh	522,512	114,400

FSC Lighting delivers RESULTS:

ANNUAL ENERGY COST SAVINGS:

\$101,520

ANNUAL ENERGY SAVINGS:

408,112 kWh