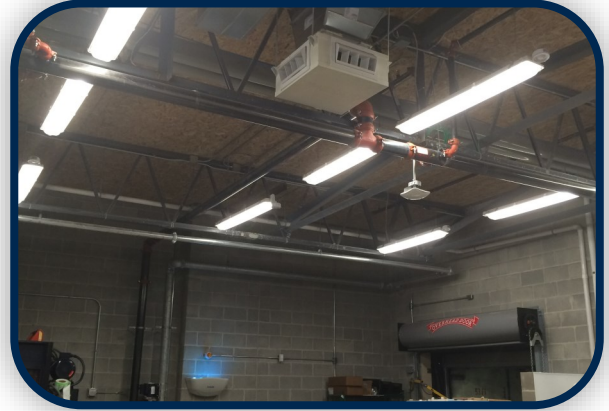




# grocery store retrofit



*"El Super will use 75% less lighting energy by retrofitting T8 strips."*



subject: back of house and retail floor  
 location: salinas, ca  
 description: 187 - 25wt strip & 61 - 25wt vaportites

## The Situation:

El Super Markets based out of Paramount, CA, looking to reduce the increasing maintenance and energy costs of their newly acquired Salinas, CA store, upgrades dim T8 fluorescent technology with a greener LED option. LED will deliver bright, high-quality light resulting in a brighter display that is more appealing to grocery shoppers while helping reduce energy consumption and costs.

## The Solution:

FSC Lighting's L8500 Series LED strip was chosen to replace the T8 fluorescent fixtures throughout the sales floor. Mounted at 14 feet, the L8500 Series will provide excellent vertical candle readings down the entire gondola. L7600 Series LED Vaportites, were selected for back-of-house applications. Powered by the Mirus L-Bar, both the strip and vaportite solutions will deliver 85 CRI, providing exceptional color rendering. By replacing the 112 watt luminaires with FSC's 25 watt L-Bar, El Super will use 121,659 fewer kilowatt hours (kWh) per year, an annual savings of approximately \$14,599. As a result of the energy saved, this supermarket chain will recoup its investment in 1.97 years.

## RESULTS:

	EXISTING	REPLACEMENT
TECHNOLOGY	Fluorescent	LED
SYSTEM	4 Lamp T8 Strip	L-Bar Strip
TOTAL SYSTEM ENERGY USAGE (watts)	112	28
CONTROLS	None	ADR Ready
TOTAL ANNUAL kwh	162,212	40,553

ANNUAL ENERGY SAVINGS:  
**121,659Wh**  
 ANNUAL ENERGY COST SAVINGS:  
**\$14,599**

Powered by:



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