



apartment parking garage



"Parking Structure will save 403,161 (kWh) in lighting by retrofitting it's existing fluorescent strips."

subject: apartment parking garage
 location: costa mesa, ca
 description: 529- 25wt l-bar strips

The Situation:

Apartment complex in Costa Mesa, California, looking to increase peace of mind in their residents by improving the quality of light in parking garage upgrades its existing fluorescent strips to a more efficient LED solution. The client was able to provided added security by creating an inviting parking environment while at the same time reducing energy usage and cutting down on electricity costs.

The Solution:

FSC Lighting's L8500 Series Strip replaced the 112-watt fluorescent strips throughout the parking garage, dropping lighting costs by 78%. Following the replacement of 112-watt fluorescent lamps with FSC's 25 watt L8500 Series strip, this major parking operator was able to use 403,161 fewer kilowatt hours (kWh) per year, savings of approximately \$48,379 annually based on \$0.12 kWh rate and 24 hours operation a day.

	EXISTING	REPLACEMENT
TECHNOLOGY	Fluorescent	LED
SYSTEM	4 Lamp T8 Strip Fixture	LED Bar Strip
TOTAL SYSTEM ENERGY USAGE (watts)	112	25
CONTROLS	None	Auto Demand Response Ready
TOTAL ANNUAL kwh	519,012	115,851

RESULTS:

ANNUAL ENERGY SAVINGS:

403,161Wh

ANNUAL ENERGY COST SAVINGS:

\$48,379

Powered by:



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