



apartment stairwell



"Apartment Complex will save 69,099 (kWh) in stairwell application; total savings of \$8,292 annually."

subject: apartment stairwell
location: costa mesa, ca
description: 232– 25wt I-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 stairwells upgrades its existing fluorescent strips to a more efficient LED solution. The client was able to provide added security and reduce its energy usage.

The Solution:

FSC Lighting's L6000 Series Radial Wrap replaced the 59-watt fluorescent strips throughout the apartment stairwells, dropping lighting costs by 58%. Following the replacement of 59-watt fluorescent fixtures without sensors with FSC's 25 watt L6000 Series Radial Wraparound with occupancy sensor, the client was able to use 69,099 fewer kilowatt hours (kWh) per year. In addition, by decreasing their energy consumption, this apartment complex was able to save \$36 per fixture a year, approximately \$8,292 annually.

	EXISTING	REPLACEMENT
TECHNOLOGY	Fluorescent	LED
SYSTEM	2 Lamp T8 Strip Fixture	LED Bar Radial Wrap
TOTAL SYSTEM ENERGY USAGE (watts)	59	25 High/ 6 Low
CONTROLS	None	Occupancy Sensor/ Step Dimming
TOTAL ANNUAL kwh	119,907	50,808

RESULTS:

ANNUAL ENERGY SAVINGS:

69,099kWh

ANNUAL ENERGY COST SAVINGS:

\$8,292

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