

Apartment Stairwell

Costa Mesa, CA



232- 25WT L-Bar Radial Wrap

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.

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



L6000 Series LED Radial Wrap

Features:

- Projected L70: 398,000 hours
- Sensors can be integrated for additional energy savings
- Energy efficient – up to 90% savings over current energy/lighting costs
- ETL and DLC Listed
- 40°C Ambient Temperature Rating
- Low maintenance & energy efficient

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

**FSC Lighting
delivers RESULTS:**

ANNUAL ENERGY COST SAVINGS:

\$8,292

ANNUAL ENERGY SAVINGS:

69,099 kWh