

7th & Alameda

Los Angeles , CA



2,228– 50WT L-Bar Radial Wrap

The Situation:

Parking operator, looking for an energy efficient lighting solution for its new facility, generates several options which includes FSC lighting’s L6000 Series. The massive project begins with a phase of installation that includes lighting a 10 level structure on the southwest corner of 7th and Alameda Street, in the heart of Downtown Los Angeles. FSC was selected after an in depth evaluation concluded the L6000 Series would yield the lowest maintenance costs, provide a long useful life, and produce superior light quality.

The Solution:

The 2,228 luminaires installed in the structure provide a lighting power density well below California Title 24 Energy Code requirements. In addition, the L6000 Series fixtures are controlled by an integrated high/low passive infrared, Title 24 compliant sensor which helps provide additional savings by reducing energy consumption when the lot is unoccupied. By adopting the LED solution over the four lamp fluorescent option, the structure will use 1,395,486 fewer kilowatt hours (kWh) per year which represents an annual savings of approximately \$167,458. The long life of the L-Bar system will also contribute to significant reduction in maintenance costs by nearly eliminating the staggering expense of re-lamping. In addition, FSC Lighting made modifications to the fixtures to meet code requirements by punching 3" holes for access to concrete box opening and additional holes for anchor bolts. This customization made installation faster and simpler for the installing contractor.

" Parking structure will save over 50% on lighting cost by selecting L6000 fixture over it's fluorescent equivalent."



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

	FLUORESCENT OPTION	FSC SOLUTION
TECHNOLOGY	Fluorescent	LED
SYSTEM	4 L 32WT T8 Strip	LED Bar Radial Wrap
TOTAL SYSTEM ENERGY USAGE	112	54
CONTROLS	None	Occupancy Sensor
TOTAL ANNUAL kwh	2,185,935	790,450

FSC Lighting delivers RESULTS:

ANNUAL ENERGY COST SAVINGS:

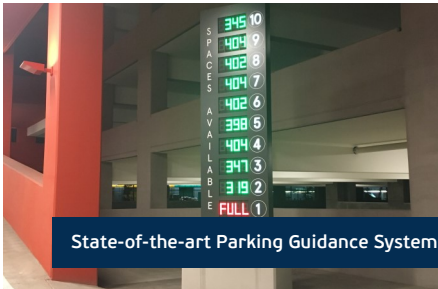
\$167,458

ANNUAL ENERGY SAVINGS:

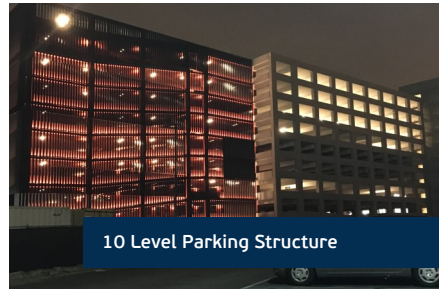
1,395,486 kWh

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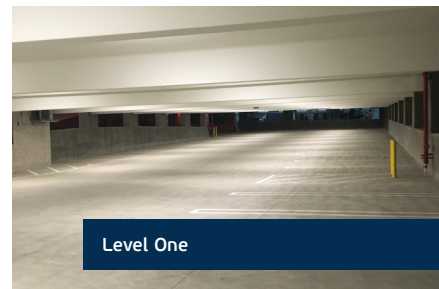
State-of-the-art Parking Guidance System



10 Level Parking Structure



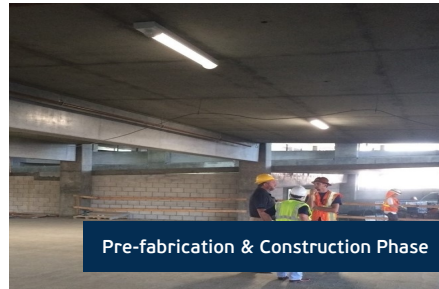
Entrance



Level One



Ramp



Pre-fabrication & Construction Phase

Contact Us

Give us a call for more information about our services and products

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Visit us on the web at
www.fscighting.com

California Title 24 2013 Compliant:

- Programmable photocells allow the fixture to either continuously dim based on ambient light contribution or just turn off when the desired light level has been exceeded.
- The lighting fixture can also be programmed to operate between a maximum light level and minimum light level based on the customer's desired amount of light using both the occupancy and photocell to do so.
- Programmable photocell sensors allow customer to choose whether to turn the lights off when the space is empty or dim the fixture to almost any light level of their choice.