



warehouse



"Warehouse will use 77% less lighting energy with L-Bar than with traditional technologies"



subject: high pile warehouse
location: rancho cucamonga, ca
description: 20 - 50wt l-bar aisle lighter

The Situation:

Warehouse in Rancho Cucamonga, California, looking to invest in new lighting to support the environment by replacing dim fluorescents with a greener LED option that delivered bright, high-quality light, while helping reduce energy consumption and costs. The current lighting was dingy and yellow, making it difficult to see and conditions less safe for employees.

The Solution:

FSC Lighting's L8500 Series Aisle Lighter was chosen to replace the 220-watt fluorescent fixtures throughout the warehouse, dropping lighting costs by 77%. By replacing 220-watt fluorescent lamps with FSC's 50 watt L8500 Series LED Aisle Lighter, will use 19,389 fewer kilowatt hours (kWh) per year, an annual savings of approximately \$116.35 per fixture. As an added benefit the L8500 LED Aisle lighter fixtures were equipped with occupancy sensors which will provide further savings. As a result of the energy saved, this distributor will recoup it's investment in 2.39 years.

	EXISTING	REPLACEMENT
TECHNOLOGY	Fluorescent	LED
SYSTEM	6 Lamp T8 High Bay	LED Bar Aisle Lighter
TOTAL SYSTEM ENERGY USAGE (watts)	220	50
CONTROLS	None	Occupancy Sensor/ Auto Demand Response Ready
TOTAL ANNUAL kwh	25,229	5,840

RESULTS:

ANNUAL ENERGY SAVINGS:

19,389Wh

ANNUAL ENERGY COST SAVINGS:

\$2,327

Powered by:



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