



Warehouse and
Distribution Center
Energy Savings Guide

Instantly Save up to 70% With Energy Efficient Lighting

✓ Better Quality Light

✓ Long-Lasting Fixtures

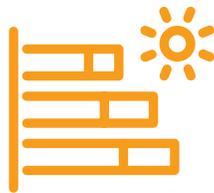
✓ Reduced Maintenance Costs

✓ Customizable for More Savings

Additional Options to Increase Savings



Intelligent Controls



Daylight Harvesting



Bi-Level / Step Dimming



Occupancy Sensors



High and Low Operating
Temperature Ratings



Prefabrication

5 Steps to Energy Savings for Existing Warehouses

1

Assess your current lighting fixtures. Are your lighting fixtures old generation T12 or T8 lamps? Do you have any old-style round high bays or fluorescent-style high bays? Depending on the system you have now, as well as current rebates and incentives from your utility, it may make more sense to retrofit LED technology into your existing fixtures, or completely replace your existing fixtures with new purpose-built LED fixtures.

2

Determine how much ambient light exists in the space. Are there windows or skylights in your warehouse? Customizable features like daylight harvesting will automatically adjust lights depending on how much natural light is already available.

3

Calculate usage. Do you turn your lights off overnight? How many days are the facilities used each week (including maintenance work)? Features like occupancy sensing and integrated intelligent controls can ensure that your lighting is on when you need it (and not when you don't).

4

Choose your priorities. Are you more concerned with fixture performance or cost? Is it important to have fixtures that are programmable via app? Depending on your needs and budget, your lighting system can be customized to your exact specifications.

5

Rebates. Does your utility provider offer energy-efficiency rebates for lighting retrofits? In many cases, rebates can pay between 30% and 70% of the cost of a lighting retrofit project.

[Search for Local Rebates from Your Utility](#)

[Rebate Finder](#)

5 Steps to Energy Savings for New Warehouse Construction

1

Facility space and utilization. Is this facility for you or a tenant? Are there racked areas, manual pick lines or mezzanines? Which tasks will be performed in which area? Do local codes require any special dimming or other controls? The more you know about the layout and use of the facility, the more customized your lighting solution can be.

2

Determine how much ambient light exists in the space. Are there going to be windows or skylights in your warehouse? Customizable features like daylight harvesting will automatically adjust lights depending on how much natural light is already available.

3

Estimate usage. How many days will the facilities be used each week, and during which hours? Features like occupancy sensing and integrated intelligent controls can ensure that your lighting is working when you need it (and not when you don't).

4

Choose your priorities. Are you more concerned with fixture performance or cost? Is it important to have fixtures that are programmable via app? Depending on your needs and budget, your lighting system can be customized to your exact specifications.

5

Rebates. Does your utility provider offer energy-efficiency rebates for new construction? In many cases, rebates can pay between 30% and 70% of the cost of installing an energy-efficient lighting system.

[Search for Local Rebates from Your Utility](#)

[Rebate Finder](#)

Case Study

The Situation

A major apparel retailer in Columbus, OH, wanted to replace their existing fluorescent system with an energy-efficient option that provided even light distribution and improved clarity for employees. The client also wanted to eliminate maintenance costs in two pick modules; they were spending approximately \$70,000 annually to replace lamps and using four hours of maintenance each day.

Our Solution

FSC Lighting replaced the fluorescent fixtures throughout two pick modules in their online fulfillment center with the L8500 LED Strip Kit, slashing operating costs while enhancing the visual appeal of their vertical racking.

With their customized LED lighting solution, this major retailer uses approximately **3,451,700 fewer** kilowatt hours (kWh) per year – a **reduction of 70%** – and **saves approximately \$272,684** annually on energy costs.

Our Work

FSC has developed customized, energy-efficient lighting solutions for hundreds of customers across the country.



Make Your Warehouse Future-Proof

Be prepared for what comes next – whether you need it today or next year.

PowerPlus lets you future-proof your warehouse by transforming your FSC lighting fixtures into ports to power all your IoT-connected devices. No additional wiring, no additional hardware – just plug in, power up and get connected. From smart lighting sensors to security cameras to WiFi hotspots, future-proof your facility with PowerPlus so that you're ready for whatever the future holds.



No Additional Wiring



No Additional Hardware



CAMERAS

Securing your facility just became as easy as flipping a switch. Plug into a PowerPlus-enabled FSC light fixture without installing any additional hardware.



WIFI

Go truly wireless – PowerPlus lets you power your WiFi connection without running a single new wire.

Let Us Help

At FSC Lighting, we're the warehouse energy saving experts. We'd be happy to help you slash your energy usage.



Rebates



Product Selection



Future-Proofing



Call FSC Lighting today for the ideal energy-efficient lighting solution for your warehouse.

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