



Corporation Distribution Center

164,000 Square Foot Warehouse in Appleton, WI



Avi-on Bluetooth Lighting Controls save money now and in the future. With Avi-on's sensor-per-fixture design, Plexus can easily update lighting groups to match changing floor plans and shifts. Plexus never again has to worry about re-wiring for controls.

– CES Project Manager

Contemporary Energy Solutions (CES) and Avi-on® Bluetooth® Lighting Controls were selected for a 164,000 square foot distribution center in Appleton, Wisconsin, that is a global leader in complex product design, manufacturing, supply chain, and aftermarket services.

- **Sensors integrated on every LED fixture replaced outdated lighting.** CES integrated Avi-on's controls directly into the CES' energy-efficient LED fixtures, replacing outdated high bays, and complicated old controls.
- **Avi-on's networked Bluetooth® controls are flexible and easy to change.** By selecting Avi-on's occupancy sensing and advanced scheduling capabilities throughout the facility, Plexus is enjoying improved worker safety plus the ability to change the lighting to match warehouse floor plan layouts.
- **Avi-on controls plus CES LEDs deliver a 2.5-year payback.** The combination of networked controls PLUS energy efficiency LEDs maximized the ComEd utility rebates (25% of the total project cost) saving Plexus over \$67,000 per year.

Maximum Rebate + Lower Install Costs + Significant Annual Savings		
CHALLENGE	SOLUTION	REBATE, SAVINGS, & PAYBACK
Maximize rebate Reduce installation costs Capture annual savings from low-usage areas	Retrofit outdated high-bays with energy efficient LED fixtures integrated with Avi-on Lighting Controls Install occupancy/vacancy sensing for low-usage areas	Because of Avi-on's energy monitoring, received full ComEd allowable rebate of 25% of total project cost
		\$56,000 Energy savings \$11,000 Maintenance savings \$67,000 Total annual savings
	Add energy monitoring to qualify for rebate	Payback on Controls: Instant Payback LEDs+Controls: 2.5 years

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