



Case Studies



Before – 4.5 foot-candles (avg.)



After – 31 foot-candles (avg.)

Morristown, Tennessee

Replaced 400-watt high intensity discharge (HID) fixtures with Orion’s Compact Modular, high bay and LED fixtures.

Project Metrics

Annual Cost Savings	\$44,491
Annual Kilowatt Hour Reduction	427,372
Load Reduction	62.15 kW
Light Level Improvement	626%
Annual Carbon Dioxide Reduction	260 Tons

• “We did not realize our light quality was as poor as it was until we installed the Orion lights-the difference is amazing.”

– Mike LeDoux

Vice President of Operations

• “The LED lights in our freezer look great. We are very happy with the project and support offered by Contemporary Energy Solutions throughout the process.”

– Randy McNabb

Warehouse Manager



Before – 5.8 foot-candles (avg.)



After – 18.5 foot-candles (avg.)

Somerset, Kentucky

Replaced metal halide fixtures with Orion’s T8 fluorescent high bay fixtures with motion technology.

Project Metrics

Annual Cost Savings	\$16,561
Annual Kilowatt Hour Reduction	209,644
Load Reduction	25.3 kW
Light Level Improvement	219%
Annual Carbon Dioxide Reduction	127 tons

• “Thank you for your professionalism and approach to our needs when it came to replacing our lights. You gave me the information needed to make a good choice. The lights are outstanding compared to what we had. It actually makes our facility look like a totally different place. It’s night and day. I would recommend you and your company to anyone.”

– John Wheat

Operations Director