



67.2%
Total Energy Savings

\$158.6k
10 Year Savings

210.7w
Reduction Per Fixture

72MT
Annual CO₂ Savings

nZled[®]
DESIGNED IN THE U.S.A. FEATURING
NZLED[®] PRODUCTS



NZLED[®] 9110
110w LED High Bay



NZLED[®] 0445
40w Level III Strip Kit

PROJECT AT A GLANCE

Facility Location	Charleston, SC
Facility Type	Warehouse
Facility Size	200000 sq. ft.
Annual Lighting Usage	2600 hours
Original Fixtures	295w Metal Halides 112w 3 bulb T-8s 455w 400W Metal Wall Packs
Replacement Fixtures	NZLED [®] 110w 9110 NZLED [®] 20w 0445 NZLED [®] 100w 4010
Energy Reduction Per Fixture	210.7 watts
Annual Energy Savings	104,454 kWh
Lighting Cost Savings	67.2%



BEFORE

155k

Annual kWh Consumed

\$18.6k

Annual Lighting Cost



AFTER

50.9k

Annual kWh Consumed

\$6.1k

Annual Lighting Cost

SOLUTION & RESULTS

NetZero USA of Charleston partnered with Logistics company ARKA Charleston to deliver an energy-efficient lighting solution for their 200,000 sq. ft. Warehouse located in Charleston, SC.

With a lighting usage of 2600 hours annually, NetZero USA recommended the installation of NZLED® 110w 9110s, NZLED® 20w 0445s, and NZLED® 100w 4010s inside the facility. The updated equipment has reduced the per-fixture wattage by an average of 210.7 watts, and has provided a **total energy savings of 67.2%** over their old equipment.

As a result, the employees who work at this Warehouse are now benefiting from a better, brighter workspace, and facility owner ARKA Charleston is saving money each month through the reduction on energy consumption. In fact, over the next 10 years, more than **\$158,567.75 dollars in cumulative savings** will be delivered as a direct result of this project.



Working with NetZero USA of Charleston was a great experience all the way through completion. We can't believe the difference the new LED lighting has made in the warehouse – it's like night and day!

– Spenser Young
Warehouse Manager

