

Delaco Steel



LinmoreLED®
ULTRA PERFORMANCE LIGHTING

CASE STUDY

Location: **Woodhaven, MI**

Application: **Manufacturing Facility**



Essentials Series 3.2 (ES3.2)

The Essentials Series delivers superior performance, quality and versatility in low bay and high bay applications. The Essentials Series fixtures are designed for high ceiling applications with superior life expectancy. Multiple optic options are available to suit a variety of needs.

RESULTS

Delaco Steel replaced their outdated fixtures with 259W and 224W Essentials Series High Bays. The upgrade focused on long-term cost and energy savings, but they also experienced increased safety and productivity of their employees.

56%

ENERGY SAVINGS

263,326 kWh

DISPLACED ENERGY

\$31,600

ANNUAL ENERGY SAVINGS

OVERVIEW

The decision makers at Delaco were not originally going to consider a LED lighting solution as they began an expansion of their building and operations. After receiving multiple bids that presented LED lighting as a solution, they decided to consider that as an alternative to their current lighting system.

CHALLENGE

The high ceilings were an obstacle to provide a well-lit working environment. Low-light levels created concerns for safety, worker productivity and affect the accuracy of quality control inspections. These were all issues the operation manager hoped to address when selecting the lighting solution for the plant's new addition.

SOLUTION

After analyzing Delaco's facility and lighting needs, Future Energy Group, a full-service energy solutions provider, selected the Essentials Series as the superior product for Delaco's application.

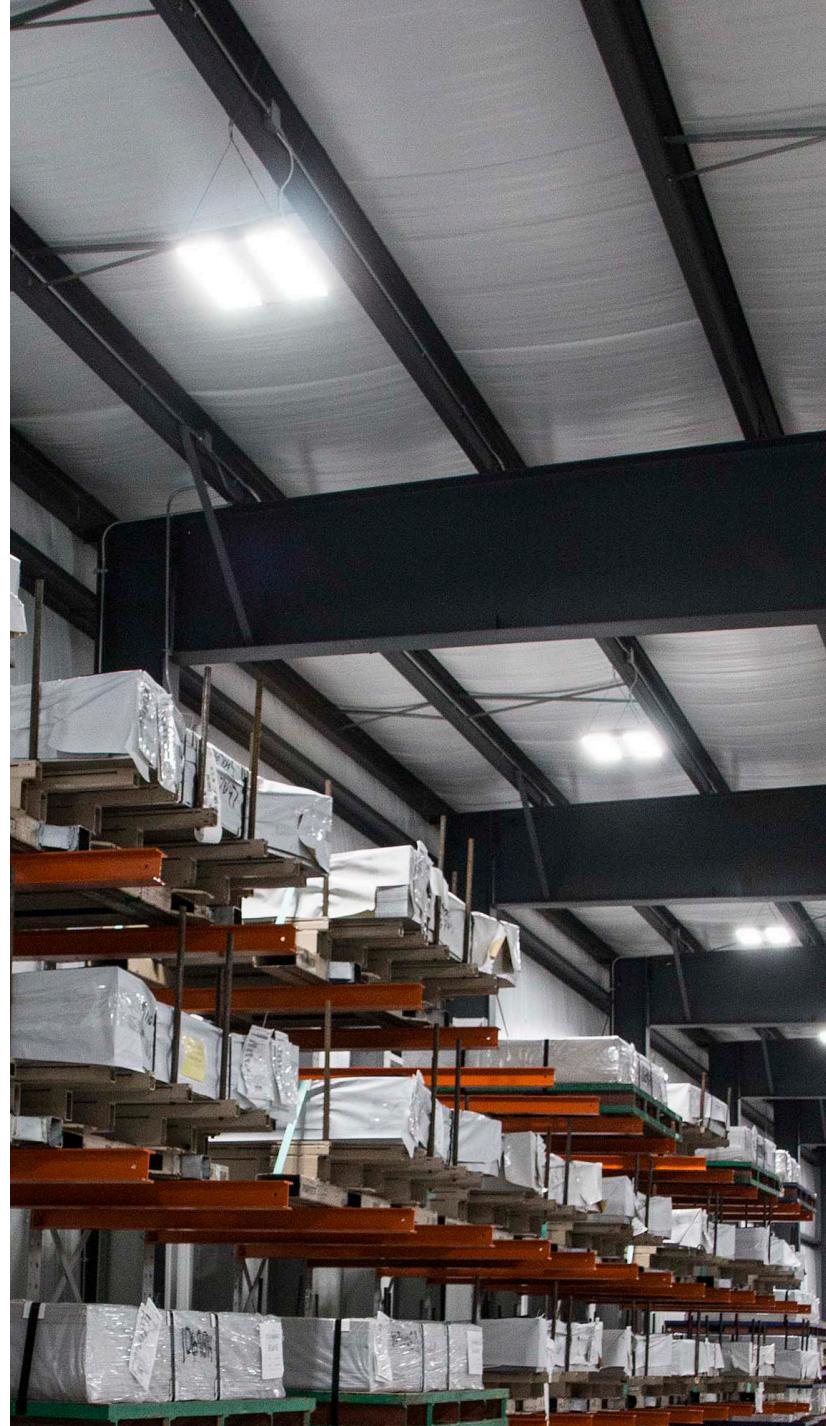
Considering the varied ceiling height and use of space in the new addition, both 259W and 224W Essentials Series LED high bays were selected.

After examining the L70's reports, which showed how long each LED light was rated for, Essentials Series LED high bay had a superior rating over the competitors. The data proved it.

The optics was another point of comparison in the analysis and lighting design plan.

"Having the ability to order different optics with these LED high bays, we were really able to dial down the light to where we needed the light to be and provided even distribution of light for Delaco's new addition," shared DiNello."

Another area where the competitors didn't measure up was the warranty. The 10-year warranty was a deciding factor for their operations manager.



“

We selected the product based on the application while understanding their facility's needs then chose the right lighting for the long term. With those factors in mind, Essentials Series LED high bays were without a doubt the right products for this client.”

- Michael Abraham Jr.

Co-Founder and President of Future Energy Group

Delaco was impressed by the efficiency, performance and warranty of the Essentials Series LED high bay.

"I looked at the warranty of the lights, luminosity of the lights and how many hours it burned," shared Jason Crout, Operation Manager of Delaco. "By far, they beat the other competitors on all those factors."

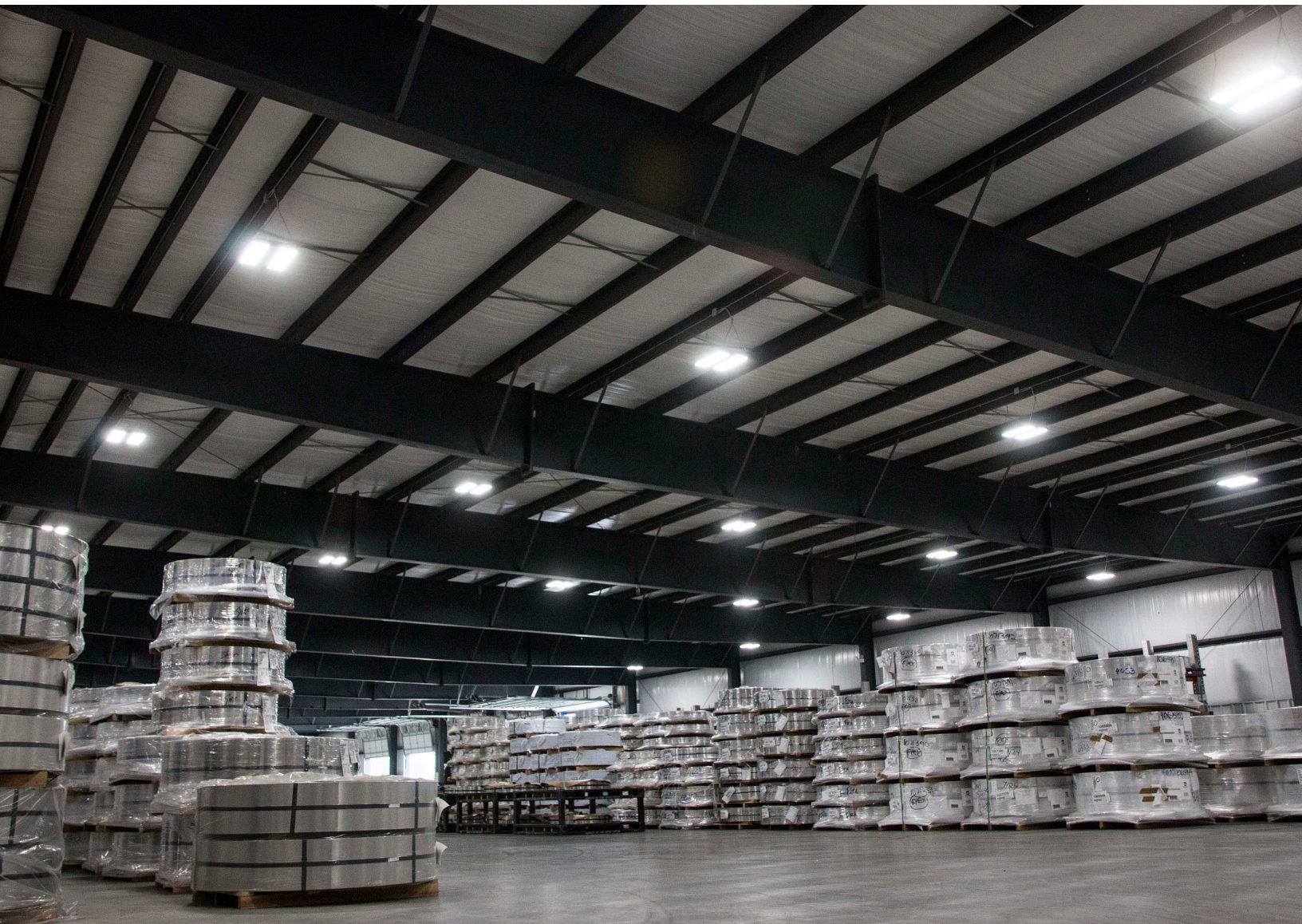
RESULTS

Upgrading their lighting with long-term cost and energy savings in mind, Delaco also experienced an enhanced work environment for their employees, with better light quality in turn created a safer workplace. Employees shared feedback with Crout that in the new addition there was a noticeable difference and because of the

brighter light, they were able to do their jobs with better accuracy.

"When my employees can see what they are doing better, it increases their performance and I have less accidents," Crout shared. "The LEDs produce a nice white light that you can see clearer." Crout explained. "It helps our team see better on the ground."

Additionally, Crout shared that the new LED high bays helped with training the employees on the new machinery.





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