

Midwest II



CASE STUDY

Location: **Ottawa Lake, MI**

Application: **Manufacturing Facility**



Essentials Series 4.0 (ES4)

The ES4 delivers superior performance, quality and versatility in low bay and high bay applications. It is a 65°C rated fixture for hot applications and offers rotatable modules to optimize light distribution.

RESULTS

Midwest II replaced 1000W high-pressure sodium, 400W metal halide and T12 fluorescent fixtures with Essentials Series High Bays. The upgrade not only increased light levels, it resulted in significant energy savings. Plus, they enjoyed a \$52,200 rebate incentive.

\$66,074

ANNUAL SAVINGS

3.1 YEAR

PAYBACK

564,840

KWh REDUCTION

OVERVIEW

Midwest II is an innovative and growing electro coater with 30 years of experience in Ottawa Lake, Michigan. Their 150,000 square foot manufacturing facility was poorly lit with a combination of 1000W high pressure sodium, 400W metal halides and T12 fluorescent fixtures. The plant was running two shifts in order to meet their customer's stringent demands.

CHALLENGE

The plant's 1000W high pressure sodium high bay fixtures were old and did not provide adequate light levels for employees. Additionally, the fixtures were not properly spaced which created dark areas on the plant floor.

RESULTS

GUSCO Energy conducted an energy audit and designed a new lighting solution for the facility using Essentials Series fixtures with occupancy sensors and multi-level dimming. The turn-key LED solution saved the customer \$66,074 in annual lighting costs and reduced their annual kWh usage from 674,951kWh to 110,111kWh. The solution will pay for itself in 3.1 years and the customer received a rebate incentive from Consumers Energy in the amount of \$52,200.

Midwest II inc.
The Premier E-Coater in the Tri-State Area



Linmore LED Labs, Inc.

2360 S. Orange Ave, Bldg. 1, Fresno, CA 93725
559.485.6010 | info@linmoreled.com | LinmoreLED.com

