

MC Realty Group

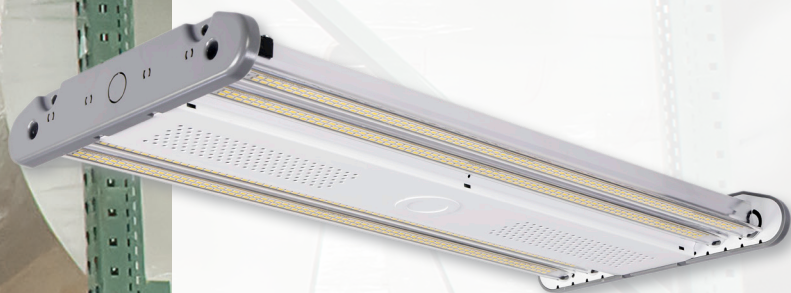


LinmoreLED
ULTRA PERFORMANCE LIGHTING

CASE STUDY

Location: Kansas City Region

Application: Printing and Mailing 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

MC Realty Group replaced 864 4-lamp T5 fluorescent fixtures with 545 Essentials Series High Bays. The optics were just as important as energy savings and paybacks because of the variety of work done in the facility. Essentials Series High Bays were able to provide these superior optics.

\$64,158

MAINTENANCE SAVINGS

52.7%

ENERGY REDUCTION

\$.04 kw/h

3 YEAR PAYBACK

OVERVIEW

MC Realty Group's 217,000-square-foot facility provides printing and mailing services for the mutual fund industry on a continuous production basis, including occasional 24-hour periods where work is being performed and lighting cannot be turned off.

CHALLENGE

For years, this facility was illuminated with 4-lamp T5 fluorescent fixtures that consumed more energy and required more maintenance than the customer desired. Facing a widespread re-lamping of the existing T5 fixture installation, MC Realty weighed the costs of the project versus investing in an LED retrofit solution.

SOLUTION

Through an energy audit with Facilities Solutions Group (FSG) and consideration of several solutions, Essentials Series High Bays were selected to improve footcandle levels in aisles and open areas while providing more precise task-lighting in key work areas. Due to the widespread distribution of fixtures, the customer was able to utilize 545 Essentials Series fixtures as compared to the 864 previously installed T5 fixtures.

RESULTS

With the 52.7% reduction in energy consumed from the lighting system, the anticipated \$64,158 reduction in annual maintenance costs and the elimination of replacement bulbs, the payback is three years at the facility's low average rate of \$.04 kw/h. "In this application, optics are as important as energy savings and paybacks because of the variety of jobs done across the floor," said Steve Frank, Division Manager at Facilities Solution Group in Shawnee, KS. "Essentials Bay Series fixtures were effective at meeting both objectives."



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- Steve Frank

Division Manager at Facilities Solution Group



MC Realty Group
Shift to Outsourced Property Solutions



Linmore LED Labs, Inc.

2360 S. Orange Ave, Bldg. 1, Fresno, CA 93725

559.485.6010 | info@linmoreled.com | LinmoreLED.com



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