

Linfox

Out-foxing the competition



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PROJECT AT A GLANCE

Project Type
Canopy Lighting Upgrade

Location
Linfox Altona North site, Melbourne, VIC

- Solution Overview
- Altitude T5 lamps with special reflectors
 - Constant light output over extreme temperature ranges (5°C – 70°C)
 - Increased light levels with improved uniformity

CUSTOMER BENEFITS

- approximate 34% instant energy saving
- reduced maintenance with longer lasting fixtures



The continuous improvement of energy efficiency at Linfox facilities persist in their overall commitment to become market leaders in energy reduction and carbon footprint.

Linfox, a well established logistics supply chain company, has clearly publicised their new goal to reduce their greenhouse gas emissions by 50% by 2015.

Bala Balamaheswaran, facilities manager at the Linfox Altona North site in Melbourne, has conducted many energy efficient measures to reduce the facility's carbon footprint. His latest project involved the support of ECS and Eletech Solutions to convert the existing canopy lighting to a more efficient type with improved light levels.

The enthusiasm shown by Bala has once again demonstrated the key goals of the Linfox Green Strategy Plan.



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“The new fittings are magnificent - a massive increase in light levels.”

— Bala Balamaheswaran,
Linfox Facilities Manager



New Fixtures

External canopy lighting consisted of 250 W Metal Halide Low Bay “shoe box” fittings with a wire guard protecting the lamp. After closely inspecting these fittings, ECS introduced a one-for-one replacement with 3 x 54 W Altitude T5 lamps with a special reflector of 1.7 spacing-to-mounting-height-ratio (SHR).

An approximate 34% instant energy saving and increased light levels were achieved. The special 1.7 SHR reflector disperses more light sideways than directly down, allowing for better uniformity of light levels across the truck loading bay canopy.

Furthermore, the Altitude T5 3 x 54 W fittings come with temperature optimise lamps for consistent light output in varying temperatures. Side rails were introduced for those windy conditions in Altona North, and a wire guard to protect them from accidental knocks.

ECS is very pleased to be a part of the Linfox Green Strategy Plan and would like to thank Linfox, Bala and Eletech Solutions for their assistance in this project.



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— Bala Balamaheswaran,
Linfox Facilities Manager



> Sideways dispersal of light illuminates the inside of trailers, thus aiding loading and unloading



> truck loading bay canopy illuminated by altitude T5 high bay lamps

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