



## Case Study

Primo LED Lowbays and highbays made light work of an important Startrack distribution centre.



**primo**  
FIRST FOR HIGH PERFORMANCE  
LED HIGHBAYS

**STARTRACK**

### Summary

Startrack specified Primo 115W and 155W LED highbays along with Tiger A-Series 18W LED Tubes for a major energy-saving initiative, which qualified for a NSW Energy Saving Scheme rebate.

### Challenge Faced

Ceiling heights varied across the site, ranging from 3-4m in the “Wishbone” conveyor areas, to 8-11m in the bulk loading warehouse.

Several different energy-efficient fittings were required to deliver the desired lux levels according to Australian Standards.

### Solution

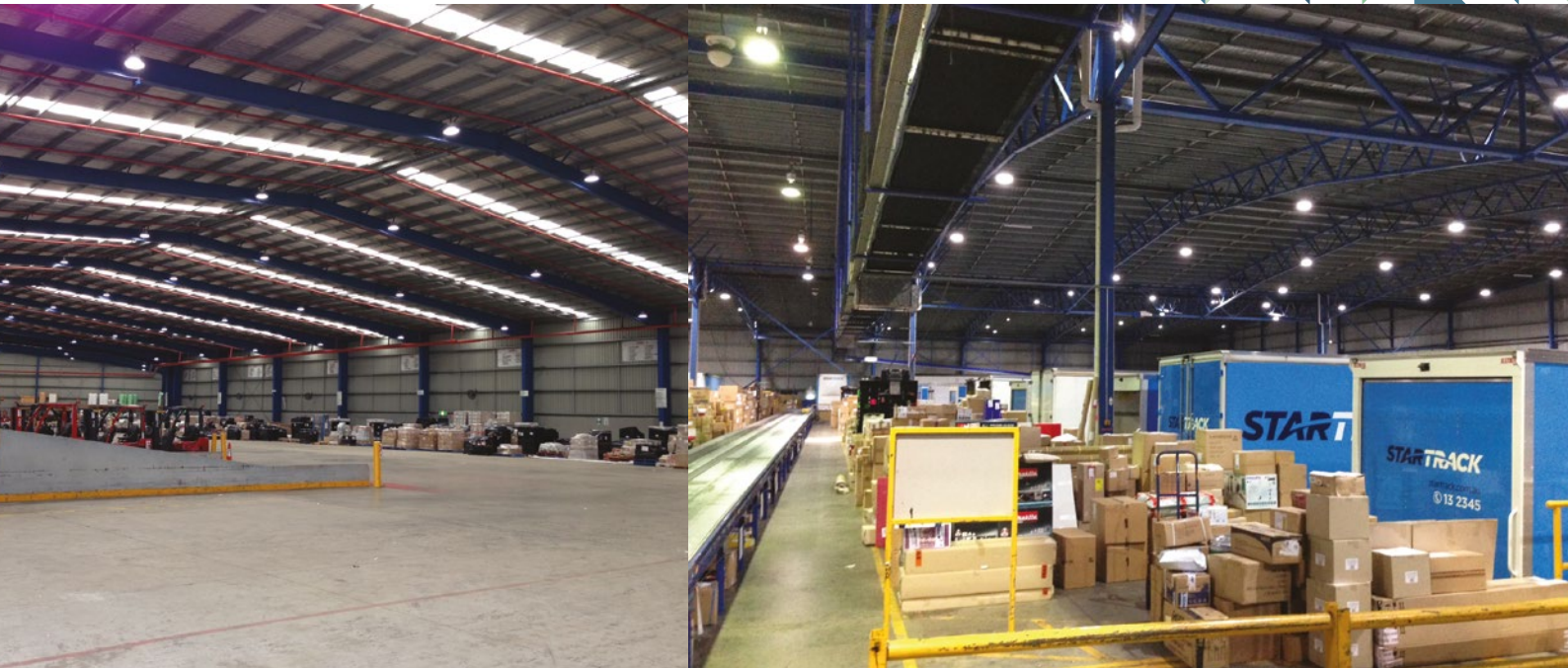
The existing 440 x 400w MH Highbays across the sites, were replaced on a one-for-one basis by:

- 383 x 115W Primo LED Lowbays and
- 57 x 155W Primo LED Highbays.

These were in the workshop and the high ceiling areas above the conveyors for truck loading.

The 115W Primo LED Lowbays have a wide 111 degree beam angle, producing a bright even light distribution for the team at the depot.

The Primo 155W LED Highbays were installed in the higher sections of the ceilings to keep the lux levels uniform across the entire area.



Improved lighting conditions over the wishbone conveyor and bulk loading warehouse from the Primo LED Lowbays and Highbays together with Tiger LED Tubes.

### Solution – continued

Tiger LED Tubes replaced the existing 500 x 36W 1200mm fluoro tubes, also on a one-for-one basis by 500 x 18W Tiger A-Series 18W LED Tubes, predominantly for walkway lighting and task lighting above the conveyors.

Both management and the individual team members working at the Distribution Centre were extremely happy with the increased lux levels and the improved light quality, attributable to the increased lumen output from the lamps and fittings, and the uniform colour temperature.

### Tiger LED Tubes 18W, 1200mm

- 1600 lm
- Replaces 36W fluoro and ballast
- Active at one end.
- Internally shorted for safety.
- Full range of LED battens available.

**Quantity Installed:**  
500 in total



### Primo 115W LED Lowbay/Highbay

- 11,500 lm
- Replaces 250-400W HID
- Height from 5+ metres
- 111 degree beam angle
- IP65

**Quantity Installed:**  
383 in total



posco  
LED

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### Primo 155W LED Highbay

- 17,000 lm
- Replaces 400W+ HID
- 115 degree beam angle
- Height 8-14 metres
- IP66

**Quantity Installed:**  
57 in total

