



## Case Study

Mazda upgraded the lighting in its DC at Somerton with Primo 155W LED highbays and zoomed away with a healthy VEET rebate.



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LED HIGHBAYS

### Summary

Mazda's 20,000 sq metre Distribution Centre in Somerton, Vic, upgraded to energy-efficient Primo 155W LED Highbays - and reduced their lighting costs by approximately two thirds.

In addition to the significant energy savings, the program also qualified for a substantial cash rebate under the Victorian VEET scheme.

### Challenge Faced

Mazda wished to evaluate the Primo 155W LED fittings ahead of a planned roll-out across the entire warehouse.

Additionally, they sought a solution to allow future access to fittings, which were to be suspended high above a mezzanine floor. The floor could not support a scissor lift for maintenance if required in the future.

### Solution

The existing 300 x 400w MH Highbays in the warehouse were replaced on a one-for-one basis by Primo 155W LED Highbays after a successful trial of 40 fittings over the previous 6 months.

Mazda was satisfied with the performance of the fittings, and proceeded with a full roll-out across the site.

Light levels were bright, white and uniform across the warehouse including, importantly, around the pallet racking. Lux levels exceeded Australian standards.



Bright, uniform light levels across Mazda's 20,000 square metre warehouse in Somerton, Victoria.

## Solution - continued

The contractor installed a pulley system onto each of the highbays above the mezzanine area to allow the highbays to be lowered, if required, for maintenance in the future.

Given the certified 50,000+ hours service life of the Primo highbays, it is expected that on going maintenance will be minimal. Mazda management took a long-term view and the pulleys were seen to be an essential investment in the future functionality of the business.

The VEET rebate process was project managed on Mazda's behalf by OutPerformers. They conducted pre and post installation audits of the light levels throughout premises, advised on recycling of the former HID fittings, and also created and traded the VEEC certificates to generate the cash rebate.

The VEET rebate added to the savings in energy costs to create a shorter breakeven point and a healthy return on investment for the project as a whole.



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### Primo155W LED Highbay

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

Primo LED Highbays are designed and manufactured in Korea to the exacting standards of Posco LED, which is accredited to ISO9001:2008 Quality Management System.

Posco LED is a joint venture by Posco, one of the largest steelmakers in the world, and Seoul Semiconductor, one of the world's leading LED research and manufacturing companies.

## Quantity Installed

300 in total

**posco**  
LED

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