



## Case Study: Lonely Planet, VIC



[www.airmaster.com.au](http://www.airmaster.com.au)

### 01 Project Summary

Located at Lonely Planet Head Office in Footscray, Victoria. The project consisted HVAC Controls and Lighting Controls to reduce energy consumption. The carpark and warehouse light fittings were replaced with T5 type to further reduce consumption.



**-\$6k  
p.a**

### 02 The Solution

Consisting of a controls/DDC system upgrade, lighting retrofit and re-commissioning works. Before and after current readings were taken from each lighting circuit and compare the difference pre and post retrofit works.

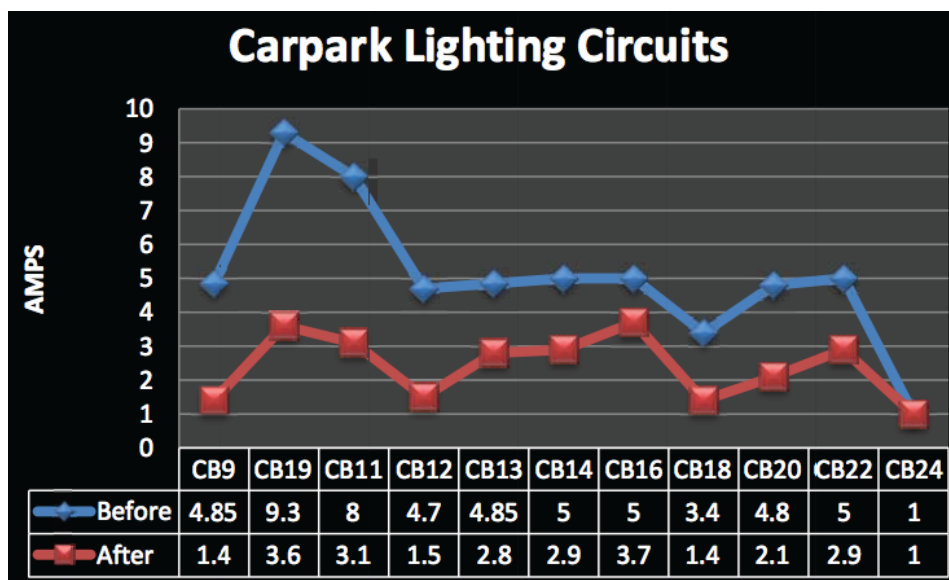


### 03 Project Outcomes

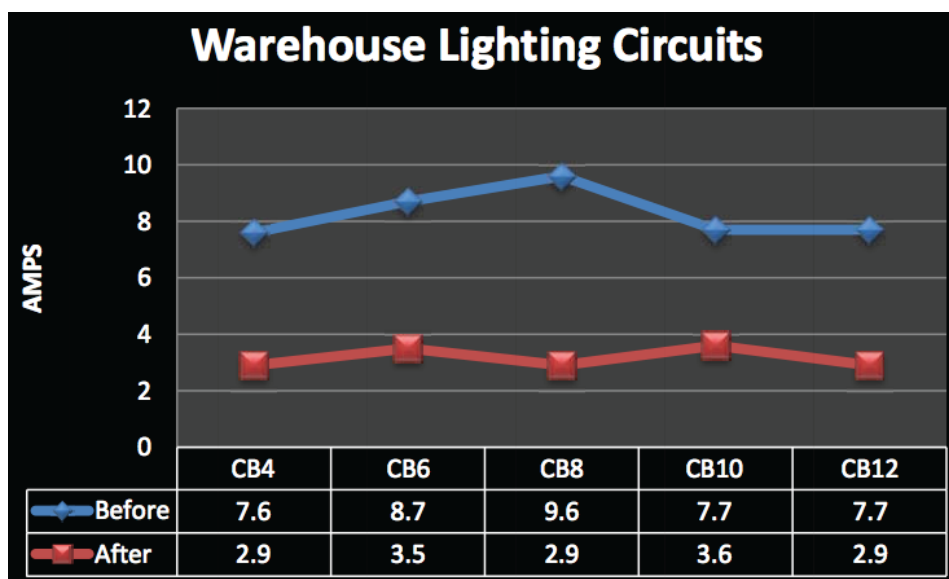
An estimated annual saving of 58,656 kWh @ 12c/kWh Peak and 8c/kWh Off Peak which equals \$5,919 per annum of savings.

The following charts indicate a significant reduction in consumption for each lighting circuit where the light fittings were replaced.

Analysis of the consumption data obtained can be demonstrated in the Asset Efficiency Performance (AEP) monitoring system to show the following daily power consumption graph. This is an up/down set of travelators, the blue line has the VSD where as the red line does



*Payback period of  
Less than 3 years!*



**Average Annual  
Energy Saving**