

Storage King: CASE STUDY



Magestic savings for storage royalty after LED Upgrade.

Storage King has grown to be the largest self storage organisation in Australasia. Storage King's primary objective is to maintain its position as the number one self storage brand in Australasia.

To remain competitive, Storage King keeps a close eye on operating costs for customers and investors.

Increasing the energy efficiency of their 30 Melbourne stores was a simple way of bringing that goal to light.

Energy Makeovers was only too happy to step up to the throne and help them!



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The Challenge and Solution

We're all familiar with the old style fluorescent tubes found in warehouses and storage sheds across Australia. They pump out the light, but are costly to run and difficult to replace. And a fluoro caught on the blink that flickers faster than a strobe light is enough to have anyone running for the switch!

Newer style LEDs use far less electricity, are cooler and last a lot longer – up to 10 years. For a business like Storage King that operates for long hours each day, having efficient lighting is crucial to keeping running costs down.

The solution was simple: change out the older, inefficient fluoro lights to leaner, cleaner LED tubes. Almost all 30 Storage King stores across Melbourne underwent the upgrade.

On average, 269 tubes were upgraded in each store, in lengths of 1200mm 1500mm and 600mm lengths. The total number of tubes was 8,078.

Any light source with an inefficient output was in our sights: floodlights, highbays and down lights were also upgraded.



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Results & benefits

The new LEDs not only dramatically reduced energy consumption and greenhouse gas emissions, but also increased the lighting levels throughout the facility and improved experience for customers.

The numbers speak for themselves: each site will expect to save \$16,365 each year through lower energy costs and reduced maintenance costs.



29 STORES UPGRADED

NUMBER OF LIGHTS INSTALLED:



Tubes (1200mm, 600mm, 1500mm): 8078

Other (Highbays, Floodlights, down lights): 358

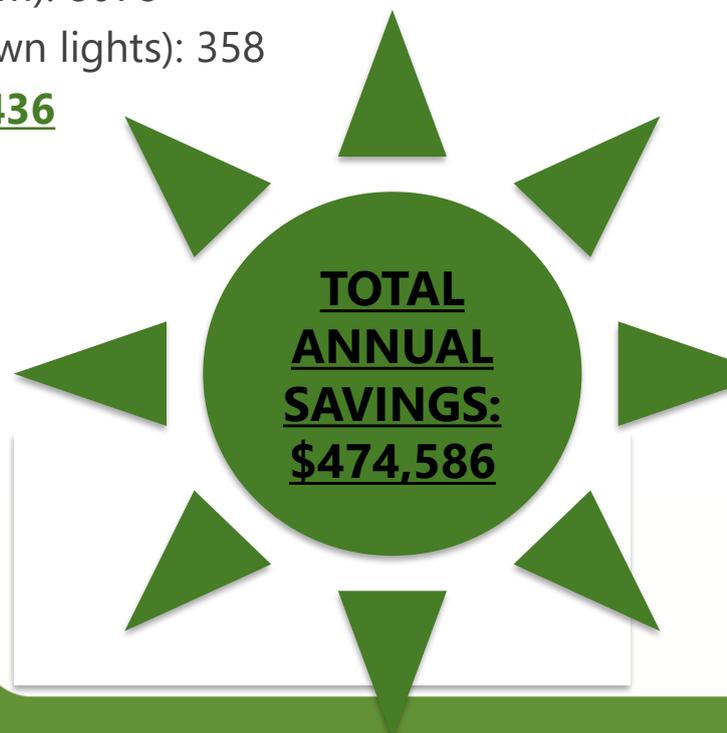
TOTAL NUMBER OF LIGHTS: 8436



SAVINGS PER YEAR:

Tubes: \$351,683

Other lights: \$122,884



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