



Industry: Industrial

PharmaCare manufactures products in the health, fitness and food industries including household names such as Norsca, Nature’s Way and Brut.

As a customer of Westpac Bank, PharmaCare engaged Verdia to contract an LED business to get their costs and CO₂ emissions down utilising Westpac’s cash flow positive financing. We were selected following a tender process due to our long warranty periods and precedence in warehousing retrofits.

Issue

PharmaCare engaged us to upgrade their storage and distribution site which included warehousing, temperature controlled rooms and a large office space. The warehouses in particular had extremely poor lighting levels with a number of lights not working and in some instances there were no lights at all in the aisles, causing safety issues.

Solution

Due to the poor placement of existing lights in the warehouse, we undertook lighting designs and were able to delamp, move and replace the metal halides with our HTrack and HFlux highbays – guaranteeing the light was exactly where it was needed and exceeded AS1680 requirements.

In the office, we replaced the fluorescent tubes with our Omera Mk2 Panel with a bespoke colour temperature manufactured especially for PharmaCare. The result of the upgrade was significantly better light and a 71% reduction in their lighting power bill. That’s a saving of over \$220,000 over 10 years!



Energy efficient products used

Product	Quantity
Shine On H-Flux Mk3 LED Highbay	57
Shine On Omera Mk2 LED Panel	471
Shine On Juko Tri-Proof LED Batten	30
Shine On Juko IP40 LED Batten	133
Shine On Ibis LED Downlight	34
Shine On HTrack Highbay	131
Shine On Orbon Mk2 LED Floodlight	19
Shine On Stellar LED Canopy	6
Shine On Plexis Mk2 LED Recessed Downlight	171



Everyone I spoke to and dealt with was so courteous and a pleasure to work with. You could always talk to someone and get answers straight away as well.

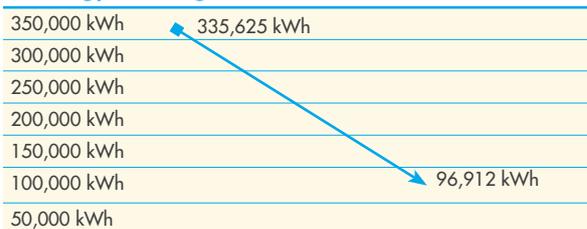
If there was ever something I wasn’t too sure about, all I had to do was give them a call and get all the information I needed.

They did a great job with the installation as well; I’m happy with everything.

Brian Cox, PharmaCare



Energy savings achieved: 71% reduction



Statistics

Energy savings	71% reduction
Payback period	51 months
Annual lighting energy saving	238,713 kWh
First year return on investment	24%
Greenhouse gas reduction	322 tonnes per annum
Total 10 year saving	\$223,635

