



Industry: Education

Bendigo TAFE delivers a wide variety of vocational courses to over 9,000 students a year across five campuses in central Victoria.

Issue

Shine On approached the TAFE and was asked to assess the lighting in their Charleston Road campus which specialises in trades, industrial and automotive. The TAFE was looking to make savings in the business and funding had become available for upgrade works, so an LED retrofit ticked both of their boxes.

Solution

Before recommending a solution, we undertook a number of lighting designs to ensure the light levels would exceed AS1680 requirements, particularly in the machinery-heavy classrooms. Using a combination of LED tubes, highbays and panels, the campus has managed to save 67% on their lighting energy consumption. This impressive reduction will deliver a ten year energy cost saving of over \$515,000!



Energy efficient products used

Product	Quantity
Shine On Sabre Mk3 LED Tube	1,455
Shine On H-Flux Mk3 LED Highbay	256
Shine On Plexis Mk2 Circular LED Panel	230
Shine On Omera Mk2 LED Panel	73



They were really good to deal with. The paperwork side of things has been really good and they have been coming to us with regular updates.

We have used LED lighting in the past and have not been happy, but I can definitely say I am happy with their product; it seems to be efficient and is better quality compared to others I have seen.

Due to our experience, we have started dealing with them at our metro campuses, as well as our regional campuses.

*Gene Coutinho, Facilities Manager
Kangan Institute*



Energy savings achieved: 67% reduction



Statistics

Energy savings	67% reduction
Payback period	29 months
Annual lighting energy saving	333,840 kWh
First year return on investment	40%
Greenhouse gas reduction	451 tonnes per annum
Total 10 year saving	\$515,595

