

CASE STUDY

Product: ecoBright® T5 Adaptor, ecobulb® 65W CFL and ecoBright® R4 6W LED's

Customer: Te Wānanga O Aotearoa

Customer Contact: Available on request

Location: 15 Canning Crescent, Mangere, Auckland

Investment: NZ\$29,000

Annual Savings: NZ\$20,000

Return On Investment: 69% (simple payback = 1.45 years)

Greenhouse gas savings per year: 57 Tonnes of CO₂ equivalent

Multi-product Solutions!

Project Description:



Te Wānanga o Aotearoa

Te Wānanga O Aotearoa (Te Wānanga) is one of New Zealand's largest tertiary education facilities with six campuses nationally.



The Cafeteria at Te Wānanga fitted with the new ecobulb® 65W Self Ballasted CFL lamps in pendant fittings.

Nepia Winiata, Regional Operations Manager at Te Wānanga's Mangere campus took time to explain why they chose the ecoBright® solutions, "we are actively seeking operational cost reduction and best sustainable practise. ecoBright's T5 adaptor allowed us to upgrade our lighting easily without throwing away our investment in fittings - the alternatives to what they proposed were cost prohibitive.... by upgrading the way we

did, we got the best of both worlds".

With the ecoBright® T5 Adaptor offered through the Genesis Energy Smart Savers™ program, Te Wānanga put in place a multi-faceted lighting upgrade comprising:

- ecoBright® T5 Adaptors and strategic de-lamping throughout offices, hallways and work areas,
- ecoBright® 65W Self Ballasted CFL lamps to boost light levels in the Cafeteria and replace

50W Halogen downlights,

- ecoBright® flush ceiling mounted T5 strip-lights,
- ecoBright® R4 6W LED downlights to replace existing 20W, 35W & 50W halogen lamps

The outcome of the installation not only resulted in impressive energy savings, but an aesthetically pleasing look throughout the facility.

"I was very impressed with the outcome, particularly with the 65W CFL pendant fittings which were more effective at lighting up areas than the many 50W halogens we had, for no additional energy consumption".

Te Wānanga now has all the advantages of energy saving long life T5 fluorescent tubes and strategically placed CFL lamps with the savings bonus of extending maintenance cycles. The consensus from the university was a very "...positive one and [they] look forward to seeing the future savings."

ecoBright® looks forward to helping Te Wānanga continue to achieve even better energy saving outcomes in the future.



A close-up of the ecobulb® 65W Self Ballasted CFL lamp and customised pendant fitting.

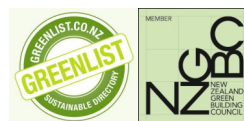


The office now fitted with T5 lamps using ecoBright® T5 adaptors.

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Product Safety
Approval Code : **NSW21227**
Product Code : **INL- UHL- 45F - T5**
Australian Patent : **769871**
EEL rating = **A2 Electronic Ballast**



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