



enLighten

Innovation in Lighting Solutions

Chamaeleon
Original



Zorro



CASTLEBAR COVE *The Residences*

Case Study: Castlebar Cove Apartments Common area lighting upgrade

Project Overview

Ease of changeover and energy savings drive common area LED lighting upgrade for premier apartment complex on Brisbane's riverfront at Kangaroo Point.

Completed in 2008, the original fluorescent lighting in the premium 38 apartment complex was approaching the end of its life expectancy.

Following the successful changeover to LED downlights in the lobby & internal corridors in 2014, Resident Manager

Lindsay Mann was keen to gain power and cost savings for other common areas - the underground resident & visitor carpark, fire stairs, driveway and outdoor corridors.

The existing car park, corridor & fire stair lighting was single & twin 36W T8 fluorescent battens, which mostly ran 24/7 with no controls. Metal halide floodlights lit the driveway which access the undercover carpark.

"We have achieved monthly savings of \$2000 after installing the Chamaeleon light in our undercover car park, fire stairs and outdoor pathway areas. We were also impressed with the ease of changeover for both emergency batteries and the light fitting, which has further kept our maintenance costs down."

Lindsay Mann
Resident Manager

FAST FACTS

Project Payback:

ROI: 2.2 years

Savings:

Energy Saved:

85%

Electricity Saved:

111,824 kWh pa

**Total Energy & Maintenance
Savings over 10 years:**

\$97,970

**Average Per Fitting
Energy & Maintenance
Savings over 10 years:**

\$182.90 pa

www.enlighten.com.au

1800 365 444

The Solution

enLighten Australia's QLD sales executive Tony Arhanic conducted a lighting audit and prepared a detailed return on investment analysis for the Body Corporate for an LED lighting upgrade.

The project received an Energex Peak Load Reduction payment of \$2,722, as the

Kangaroo point location was identified to fit within an eligible area of network constraint. The Energex payment is calculated on the reduced demand on their network during peak periods (peak demand) by replacing fluorescent lighting with more energy efficient LED lighting.

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A mix of standard, emergency & permanently on Chamaeleon LED lights were installed according to the lighting need of the area. Both ceiling and wall mount fittings were used.


For the carpark entrance driveway, 75W metal halide light fittings were replaced by 65W Zorro and Chamaeleon lights.

About enLighten

Our passion is delivering energy savings through intelligent LED lighting solutions.

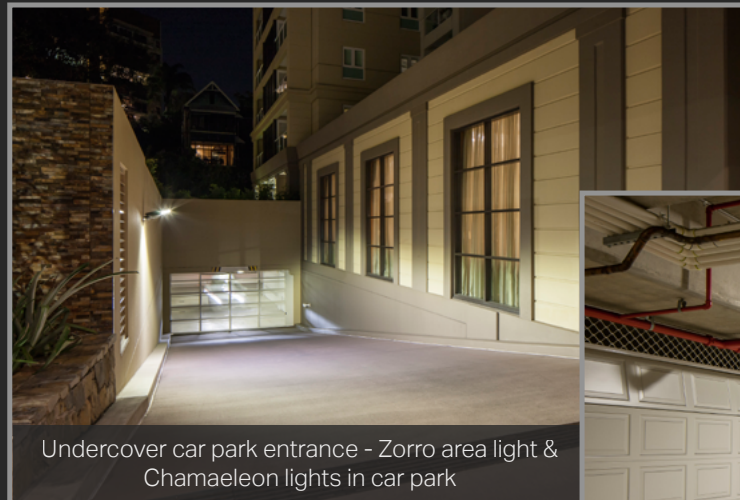
We are a privately owned Australian innovation company. The enLighten product range is designed by us and manufactured exclusively for us.

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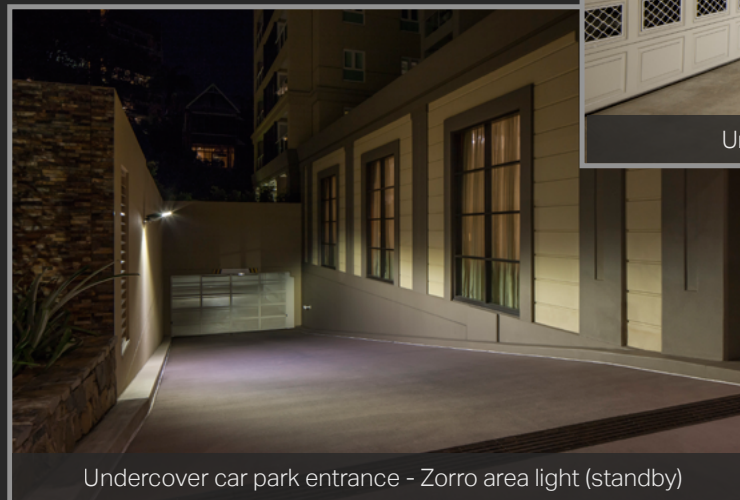
Outdoor corridor Chamaeleon lighting - full light output



Undercover car park entrance - Zorro area light & Chamaeleon lights in car park



Outdoor corridor Chamaeleon lighting - standby light output (8W)



Undercover car park entrance - Zorro area light (standby)



Undercover car park - Chamaeleon LED light

