



BP Connect

Living by the sea is a tough life

Although stunning, this Hibiscus Coast location came hand in hand with potential maintenance issues due to exposure to high sea-spray. A well thought out approach to fitting new canopy lights was required. The fittings chosen for this application had to demonstrate a robust seaside durability in order to withstand the tough coastal environment.

“I rate them right up there for ease of installation, 18 fittings installed within 2 hours.”

- Paul Burdett - Burdett Electrical

Challenge

The sites proximity to the sea meant it is in a high sea-spray zone. This causes accelerated degradation if products are not constructed of the suitable materials.

Additionally, the luminaires had to be suitable for installation into a single skin canopy, constructed of 1000mm thick insulated sandwich panel.

Solution

Durable under tough conditions the Cree XCC Canopy luminaires were chosen for this application. They are proven suitable for the marine environment having endured 5000-hour salt fog testing.

Key Benefits

- Suitable for the marine environment
- Easy to install
- Low maintenance
- Over 50% energy saving compared to traditional HID technology



Project Title

- BP Connect Orewa, Auckland, NZ

Client

- BP Oil New Zealand Ltd

Advanced Lighting Specialist

- Antony Collett, MIES

Consultants/Engineers

- Berman Kofoed Consultants
- Lawrence Jones Partners Consulting Engineers

Contractors

- Burdett Electrical

Project Completion Date

- November 2013

Applications

- Petrol Stations

Services

- Product selection
- Technical support

Product

- Cree XCC CPY250 Series
- Flat lens 122W 5700K
- 18x Units



XCC CPY 250 Series

Product Warranties

Light Fittings – Cree Manufacturer's
Warranty of 10 years

Light Fittings - Application Life of 20 years
