



# The Edgar Centre

## Their new LED lighting is a real GAME CHANGER

*The Edgar Centre is one of the largest, and most successful, multi-use venues in Australasia. The majority of their existing 250 Metal Halide 400W prismatic high-bays were replaced with Cree CXB 240W LED technology. Bringing great performance and unexpected value to high-bay applications, the CXB Series obsoletes the need to continue using energy-wasting and high maintenance fluorescent and HID high-bay fixtures.*

### Challenge

It is an incredible challenge to provide the high levels of light required for a fast moving ball, while controlling glare. The lighting levels for this facility had to meet specific performance criteria to accommodate a variety of sports and meet the appropriate play standards in accordance with average maintained illuminance, uniformity of light, colour temperature, high CRI and lumen depreciation hours.

It is a disruptive and expensive job to to change HID lamps in these high bay applications. Therefore, a low maintenance LED fitting had to be chosen for this application.

### Solution

The purpose-designed LED light engine at the heart of the CXB is IP65 rated ensuring the highest level protection against dust and has superior lumen depreciation characteristics. The Cree CXB has the ability to maintain high performance over a very long period of time.

The Cree CXB offers improved visibility for players, spectators and referees plus maintenance, energy cost savings for the facility owners. Everyone's a winner.

### Key Benefits

- Approximately 45% energy cost savings on lighting for The Edgar Centre
- Low maintenance

*Light up your world!*

Advanced Lighting Technologies: 0800 788 369 [www.adlt.co.nz](http://www.adlt.co.nz)



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## Project Title

- The Edgar Centre, Dunedin, NZ

## Client

- Dunedin Indoor Sports Venues Trust Board

## Advanced Lighting Specialist

- Grant Moodie  
- Mel Levings ( Southern Cross Lighting)

## Lighting Designer/Architect/Engineer

- Stew MacLeod and Lee Flowers  
(MacLeod & Associates)

## Project Completion Date

- October 2015

## Applications

- Sports

## Product

- CREE CXB luminaires  
- 250 Units



CXB SERIES

## Product Warranties

Light Fittings – Cree Manufacturer's  
Warranty of 10 years

Light Fittings - Application Life of 20 years

"Our customers were very happy with the new lighting."

Glare was our biggest concern and the lack of complaints probably was the biggest compliment! "

- Blair Crawford  
General Manager - The Edgar Centre



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