



QUEENSLAND
CRICKET



Premier Cricket Lighting Prospectus

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Executive Summary

Queensland Cricket's aspiration is for all Premier Cricket Clubs to have the capacity to host matches under lights.

This prospectus outlines the strategy for delivering match standard lighting for all twelve Queensland Premier Cricket Clubs.

The plan is ambitious, but one that is vital to the ongoing growth of Premier Cricket in Queensland. The Queensland Cricket Infrastructure Strategy 2018-2028 highlights "lighting up cricket" as one of the key priorities for investment into cricket facilities.

Lighting up Premier Cricket venues will allow for greater engagement with the broader cricket community and provide new opportunities to grow participation. Increased facility capacity delivered through the installation of lighting will particularly open new opportunities for women and girls to participate.

The performance requirements for cricket lighting at Premier Cricket level make the cost of delivering the projects in this prospectus significant. This investment into community infrastructure increases the capacity for cricket to deliver health benefits, economic impact and social outcomes in communities across South East Queensland.

Each project outlined in this prospectus is developed with the aim of:

- increasing participation at all levels,
- growing the capacity for venues to host events, and
- building a network of facilities that contributes to the development of cricketers in Queensland

As cricket continues to evolve and excite new generations of participants and fans every year, lighting up cricket facilities will cast Premier Cricket as a beacon for aspiring cricketers at all levels and a place for communities to watch the emergence of tomorrow's cricket stars.

Queensland Premier Cricket

Premier Cricket Clubs serve an essential role in the community by providing a local pathway that develops and nurtures cricketing talent through access to high quality competition, facilities, coaching and administration. Premier Cricket competitions represent the leading club competition available to players within each State and Territory and plays a historically significant role in Queensland and Australian Cricket.

Premier 1st Grade competition serves as the conduit between amateur and professional sport, underpinning the identification of players for male and female Australian domestic and international teams. Teams comprise a unique blend of emerging talent, seasoned cricketers and current professional players. Premier Cricket facilitates community interaction with sporting heroes without the restrictions often enforced at major venues.

In Queensland, Premier Cricket incorporates more than 3,000 senior and junior participants across all grades, providing participation and talent pathway opportunities for new participants, emerging talent and seasoned cricketers. The reach of Premier Cricket across South East Queensland supports cricketers to develop in their local communities.

Importantly, Queensland's Premier Cricket Clubs are also established hubs for the development of a fast-growing contingent of female cricketers and are the basis of the essential female-only competition at senior level.

When Queensland professionally contracted players are not undertaking domestic competition duties, they return to their Premier Cricket Clubs to play, support and mentor fellow players.

One of the primary targets for Premier Cricket outlined in the Queensland Cricket Infrastructure Strategy is to develop a suitably floodlit cricket field at each Premier Cricket Club site, with individual lighting projects staged and constructed over the next ten years.

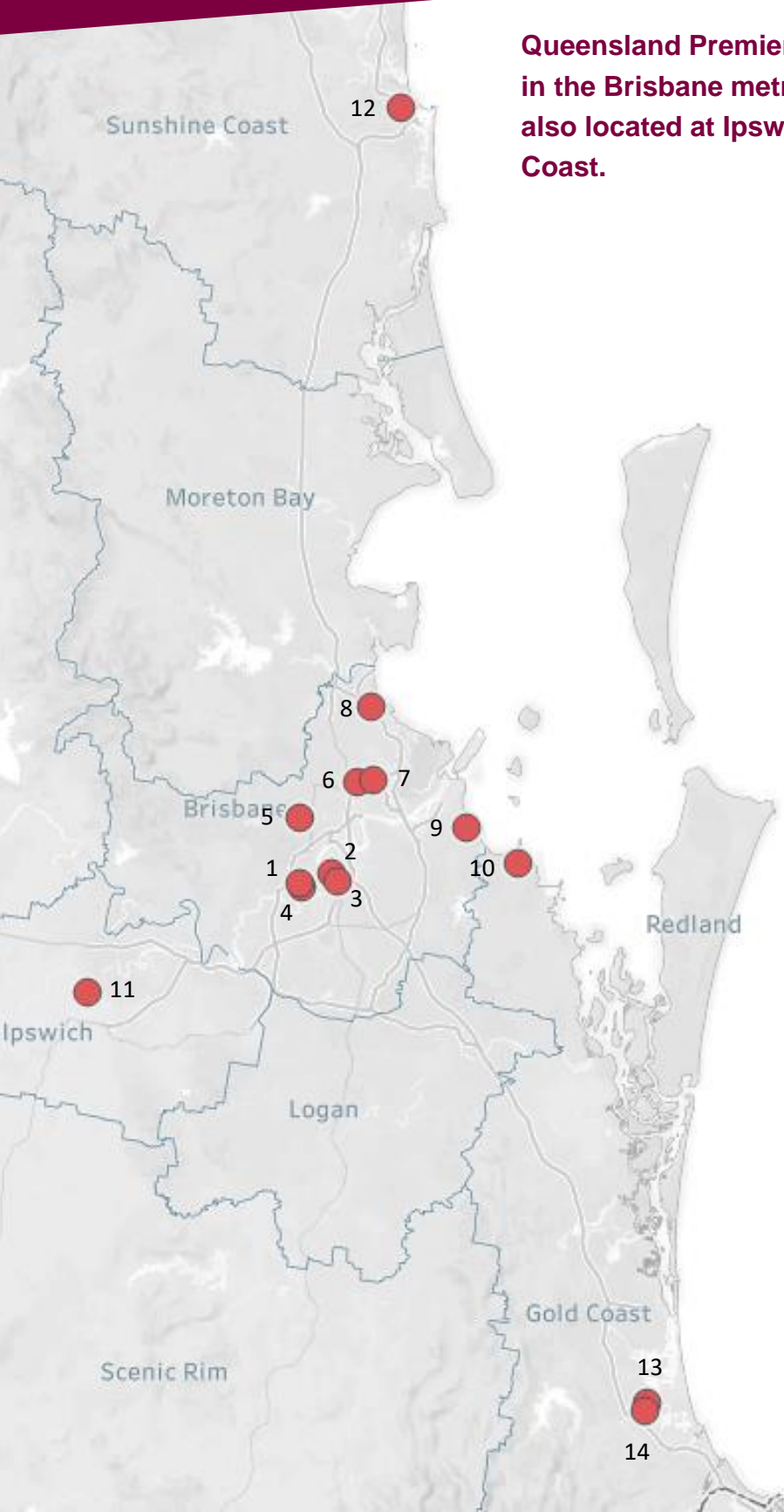


Premier Cricket Venues

Queensland Premier Cricket venues are centred in the Brisbane metropolitan area, with venues also located at Ipswich, Gold Coast and Sunshine Coast.

1. Chelmer Park
2. University of Queensland
3. Fehlberg Park
4. Graceville Memorial Park
5. Ashgrove Sportsground
6. Shaw Park
7. Oxenham Park
8. Deagon Sportsground
9. Wynnum Manly
10. EGW Wood Sportsground
11. Ivor Marsden Sports Complex
12. Elizabeth Daniels Park
13. Cheltenham Oval
14. Bill Phippen Oval

Note: Caloundra Road Sports Precinct (Meridan Plains) is currently a green field site and will be developed for future use.



Strategic Direction



Queensland Cricket Infrastructure Strategy 2018-2028

The Queensland Cricket Infrastructure Strategy (QCIS) identified “lighting up” cricket as a key priority to provide flexible scheduling and new participation opportunities. Lighting up cricket venues also supports club sustainability through revenue generation and diversification of content.

The primary application of increasing the number of playing fields with match standard lighting is to maximise facility capacity and provide new participation opportunities. The introduction of mid-week T20 fixtures, night matches for women and girls, and cricket carnivals provides new opportunities to engage new participants and the broader community.

Consultation with Premier Cricket Club representatives during the development of the QCIS identified playing field lighting to class II standard (500 lux infield / 300 lux outfield) as being crucial to their ongoing success and sustainability.

The Queensland Cricket Infrastructure Strategic Framework is outlined on page 7.



Queensland Premier Cricket Strategy 2017-2022

The Queensland Premier Cricket Strategy outlines its vision to be “Queensland’s leading sport competition by delivering outstanding experiences for the community”. The Strategy outlines a framework with five key pillars that are vital to delivering on this vision and connecting community cricket and high performance pathways.

The five pillars outlined in the strategy are:

1. High quality wickets, outfields and facilities
2. Connect to and support community cricket
3. Enhance and promote the state’s leading cricket competition
4. Sustainable participation growth, and
5. Sustainable clubs.

The installation of lighting at Premier Cricket facilities contributes to delivering on all five strategy pillars (outlined on page 9) and creating exciting new opportunities for today’s participants and tomorrow’s future stars.

Strategic Direction

Queensland Cricket Infrastructure Strategic Framework

WHY?	The QCIS is a blueprint for planning, construction, upgrading and maintenance of cricket facilities across Queensland. It will aim to ensure the right decisions are made about investing in the right projects, in the right places, at the right time				
WHAT?	STRATEGIC OBJECTIVES – WHAT DO WE WANT TO ACHIEVE BY 2028?				
	Better <u>activation</u> of existing fields and green spaces, alongside development of new facilities	Create more <u>flexible and inclusive</u> cricket environments	Increase venue <u>sustainability and capacity</u> to encourage targeted infrastructure investment	Improve <u>quality</u> of game and practice facilities	Secure cricket infrastructure to support, strengthen and connect <u>talent pathways</u>
HOW?	ACTIONS – HOW WILL WE ACHIEVE OUR OBJECTIVES?				
	<ul style="list-style-type: none"> ✓ 'Light up' cricket by increasing the number of floodlit cricket fields and training facilities ✓ Improve cricket scheduling ✓ Promote modified junior cricket formats that maximise field use ✓ Grow cricket infrastructure partnerships with schools 	<ul style="list-style-type: none"> ✓ Design universal facilities and amenities that cater for all users ✓ Construct more accessible buildings and supporting infrastructure ✓ Increase focus on infrastructure supporting female, Indigenous, junior and disabled participants 	<ul style="list-style-type: none"> ✓ Promote shared facility use and create more flexible community venues ✓ Pursue infrastructure partnerships with key external partners ✓ Increase support for better planning and access to funding ✓ Projects to grow financial sustainability of clubs and facilities 	<ul style="list-style-type: none"> ✓ Invest in quality pitches, outfielders and practice/training facilities ✓ Provide infrastructure that is practical and matches local resources ✓ Enable education and training support for improved maintenance practices and resourcing 	<ul style="list-style-type: none"> ✓ Build the right level and mix of infrastructure for each level of the player pathway – Community, Pathway and High Performance ✓ Partner with growth area Councils, State Government, developers and commercial partners on the development of new cricket fields in areas of forecast future demand
	KEY STATE-WIDE INFRASTRUCTURE PRIORITIES (Metropolitan, Regional, Premier)				
	COMMUNITY CRICKET PRIORITIES	PREMIER CRICKET PRIORITIES	PATHWAY AND HIGH PERFORMANCE PRIORITIES		
REGION BY REGION INFRASTRUCTURE PRIORITIES					

Premier Cricket Infrastructure Priorities

The Queensland Cricket Infrastructure Strategy (QCIS) outlines the facility development priorities for all twelve Premier Cricket Clubs. The table below indicates the level of priority of each project identified in the QCIS (immediate, short term, medium term), with lighting projects highlighted.

CLUB	GOLD COAST DISTRICT CRICKET CLUB	IPSWICH LOGAN HORNET DISTRICT CRICKET CLUB	NORTHERN SUBURBS DISTRICT CRICKET CLUB	REDLAND TIGERS DISTRICT CRICKET CLUB
PRIORITIES	<p>I Bill Phippen Oval Tier 2 off-field facilities upgrade</p> <p>S Cheltenham Oval nets facility</p> <p>M Premier Cricket lighting project – oval lit to 500 lux (Class II) minimum – Cheltenham Oval</p>	<p>S Premier Cricket lighting project – oval lit to 500 lux (Class II) minimum – Baxter Oval / Ray Walker Oval</p> <p>S Full services to turf training wickets</p> <p>S Sight screen extensions</p> <p>M Ray Walker Oval dressing room minor upgrade</p>	<p>I Delivery of the National Cricket Campus project - \$18 million fully-funded project in partnership with Queensland and Government, QC and CA to redevelop Northern Suburbs District Club and Allan Border Field</p>	<p>S Practice facility repairs and lighting upgrade</p> <p>S Premier Cricket lighting project – oval lit to 500 lux (Class II) minimum</p> <p>S Oval 3 new fencing</p> <p>M Turf practice facilities</p>
CLUB	SUNSHINE COAST SCORCHERS	TOOMBUL DISTRICT CRICKET CLUB	UNIVERSITY OF QUEENSLAND CRICKET CLUB	VALLEY DISTRICT CRICKET CLUB
PRIORITIES	<p>M Work with Sunshine Coast Council to identify and develop a new Tier 2 site for cricket to better service Scorchers women's cricket and growth, including Premier Cricket lighting project – oval lit to 500 lux (Class II) minimum</p>	<p>S Change rooms – field 2</p> <p>S Sight screens (field 1&2)</p> <p>S Junior nets development – upgrades to 4 lanes</p> <p>S Drainage and irrigation stage II</p> <p>M Premier Cricket lighting project – oval lit to 500 lux (Class II) minimum</p>	<p>I New WEP Harris pavilion development</p> <p>S Premier Cricket lighting project – oval lit to 500 lux (Class II) minimum</p> <p>M Tier 2 upgrades including significant works to accommodate growth in women's cricket</p>	<p>S Indoor training facility and adjacent turf training nets</p> <p>S Secure new turf field and junior fields / training nets</p> <p>M Finalisation of Ashgrove Sportsground Master Planning process and implementation of cricket recommendations</p>
CLUB	SANDGATE-REDCLIFFE DISTRICT CRICKET CLUB	SOUTH BRISBANE DISTRICT CRICKET CLUB	WESTERN SUBURBS DISTRICT CRICKET CLUB	WYNNUM MANLY DISTRICT CRICKET CLUB
PRIORITIES	<p>S Refurbish nets / enclosed all-weather surface for multi-use</p> <p>S Premier Cricket lighting project – oval lit to 500 lux (Class II) minimum – Trevor Hohns Oval</p> <p>M Relocate/replace club and change facilities adjacent to Trevor Hohns Oval</p> <p>M Shade and sight screen upgrades</p>	<p>S Premier Cricket lighting project – oval lit to 500 lux (Class II) minimum – Jack Cooke Oval</p> <p>S Sight screen upgrades / replacement (3 fields)</p> <p>S Universal facilities development Bob Young Oval (field 2)</p> <p>S Water capture, storage and irrigation</p>	<p>I Chelmer Oval master plan (club and change facilities, nets, lighting upgrade)</p> <p>S Synthetic practice nets upgrade Dunlop Park</p> <p>S Change rooms Graceville No. 2</p> <p>M Enclosed all-weather surface for indoor training / multi-use</p> <p>M Sight screens</p>	<p>I Premier Cricket lighting project – oval lit to 500 lux (Class II) minimum</p> <p>S Machinery storage upgrade</p> <p>S Sight screens upgrade</p> <p>M Pavilion upgrade – two storey and upgraded change facilities</p>

Outcomes



The outcomes delivered by the installation of lighting at Premier Cricket venues aligns with the objectives of the Queensland Cricket Infrastructure Strategy 2018-2028 and Premier Cricket Strategy 2017-2022 through increasing participation opportunities and diversity, improving the capacity of facilities to engage communities in cricket and growing the sustainability of Premier Cricket clubs.

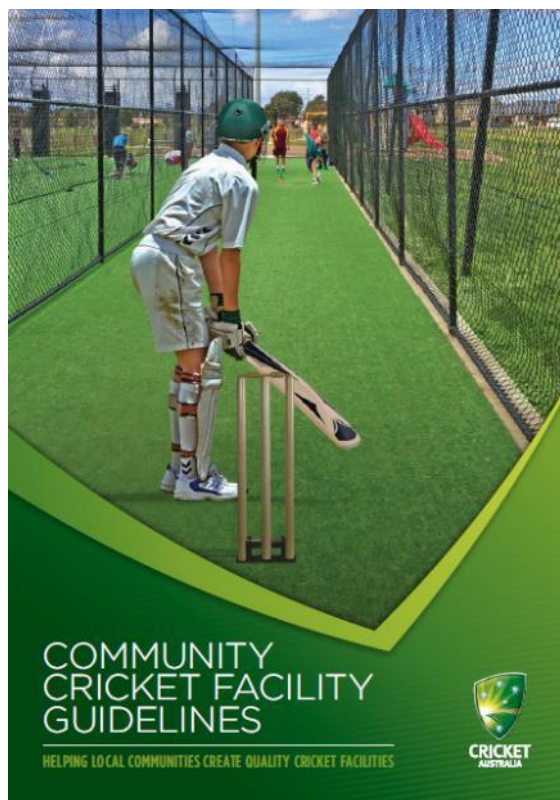
Increased Participation	Increased facility capacity, diverse competition offerings and a more engaged community ultimately lead to increased participation, both within Premier Cricket and at local community cricket clubs.
Engaging the Community	Premier Cricket will drive stronger engagement of the broader community through new content offerings. Night matches provide an ideal environment for Premier Cricket Clubs to activate their facilities by introducing cricket to new audiences.
Increased Facility Quality and Capacity	Improved competition and practice facilities, and extended hours of use provide more opportunities for player development and pathway integration. The introduction of mid-week T20 competitions, in-season night matches and expanded entry-level programs will increase use of the playing fields across previously under-utilised times.
Competition and Program Diversity	New T20 competition formats and participation opportunities for new cricketers are ideally suited to be played under lights during non-peak cricket times. Higher levels of engagement in T20 competition formats also create improved pathways to BBL/WBBL.
Club Sustainability	The establishment of compelling Premier Cricket content will drive higher participation and increased patronage of Premier Cricket facilities, generating higher club revenue and increasing club sustainability.

Lighting Guidelines

Standards for cricket lighting are outlined in Cricket Australia's Community Cricket Facility Guidelines. Lighting for the various levels of cricket competition fit into three classes of lighting (I, II and III). The Guidelines recommend that lighting at Premier Cricket venues meet class II requirements or higher.

A summary of the lux levels and uniformity requirements is provided in the table below. Further design and operational considerations are provided in the Community Cricket Facility Guidelines.

The lighting guidelines outlined below relate to non-televised and non-Cricket Australia sanctioned matches. Lighting performance levels for televised broadcast and/or Cricket Australia sanctioned matches are generally in excess of 1400 lux. Lighting designs to meet higher levels of play should be developed in collaboration with Queensland Cricket, Cricket Australia and broadcast partners.



HORIZONTAL ILLUMANCE (MAINTAINED)

CLASS	INFIELD (SQUARE)			OUTFIELD		
	AVERAGE LUX	UNIFORMITY		AVERAGE LUX	UNIFORMITY	
		E _{min} /E _{ave} , U1	E _{min} /E _{max} , U2		E _{min} /E _{ave} , U1	E _{min} /E _{max} , U2
I	750	0.7	0.5	500	0.5	0.4
II	500	0.7	0.5	300	0.5	0.4
III	300	0.5	0.5	200	0.3	0.3
MINIMUM COLOUR RENDERING, RA8			MAXIMUM UNIFORMITY GRADIENT, UG		MAXIMUM GLARE RATING, GR	
>65; preferable** >90			20% per 5m		50+	

Project Development

To enable the development of lighting projects across the network of Premier Cricket facilities, the following process was followed to determine the requirements at each site:

1. Consultation

Initial consultation with club and council representatives to determine the suitability and preference for delivery of a playing field with match standard lighting for each club.

2. Auditing

Where required, playing field and practice facility lighting was audited to determine the current provision of lighting and the need for lighting upgrades.

3. Concept Design

Concept lighting designs were developed for playing field where the requirement for a lighting upgrade was identified via auditing. While site-specific designs are not provided for practice facilities, estimated costs based on the installation of a standard four-pole layout have been incorporated where the need for upgraded practice lighting was identified at the venue.

Queensland Cricket Site Selection Guidelines for Lighting

The Queensland Cricket Infrastructure Strategy identified six key criteria for selecting and prioritising suitable sites for match standard playing field lighting which have been applied throughout the project development process:

1. Financial viability and social, economic and health benefits
2. Impact on cricket participation and program / content offerings
3. Located in an area with strong cricket representation, involves a major cricket provider and has a forecast for population growth
4. Inclusion in part of a broader sports precinct that offers multiple fields and infrastructure
5. Demonstrates a secure winter use and collaborative approach with stakeholders
6. Where appropriate, LED lighting should be considered for installation



Implementation Plan

The estimated cost of delivering the Premier Cricket lighting projects identified in this prospectus is:

\$9,410,500

Delivering capital investment at this level will require a partnership approach between Premier Cricket Clubs, Queensland Cricket, Cricket Australia, sponsors and commercial partners, and all levels of government.

It is expected that lighting projects will be implemented over the period covered by the Queensland Cricket Infrastructure Strategy through to 2028 due to the level of capital investment required and associated planning requirements.

The level of priority of each project is based on the current assessment of each project and may change in the future based on the availability of funding, perceived impact the project will have on achieving outcomes for the cricket community and readiness for implementation.

The implementation schedule on the following page outlines the planned scope of works, level of priority and estimated cost for each identified project.

The venue overview section outlines each Premier Cricket facility, the existing lighting infrastructure and lighting installation requirements. Concept lighting designs are available as an appendix to this prospectus.



Implementation Plan

The following implementation plan outlines the relative priority of each project and indicative cost estimate based on concept lighting designs (May 2020).

FACILITY NAME	COMPONENT	PRIORITY	COST ESTIMATE
Allan Border Field	Broadcast standard lighting – Design pending	Critical	\$TBC
Shaw Park (National Cricket Campus) *	Ian Healy Oval lighting	Critical	\$700,000
	Geoff Dymock Oval lighting		\$450,000
	Alan Pettigrew Oval lighting		\$450,000
	Practice facility lighting upgrade		\$135,000
Wynnum Manly	Oval lighting installation	High	\$790,000
	Practice facility lighting upgrade		\$90,000
Ivor Marsden Sports Complex	Oval lighting installation	High	\$610,000
EGW Wood Sportsground	Oval lighting installation	High	\$590,000
Deagon Sportsground	Oval lighting installation	High	\$560,000
	Practice facility lighting upgrade		\$90,000
Fehlberg Park	Oval lighting installation	High	\$560,000
Oxenham Park	Oval lighting installation	Medium	\$610,000
University of Queensland (WEP Harris Oval)	Oval lighting installation	Medium	\$590,000
	Practice facility lighting upgrade		\$90,000
Caloundra Road Sports Precinct	Oval lighting installation	Medium	\$550,000
	Practice facility lighting		\$90,000
Bill Phippen Oval	Oval lighting installation	Medium	\$730,000
Ashgrove Sportsground	Practice facility lighting upgrade	Medium	\$120,000
Chelmer Park	Oval lighting installation	Low	\$750,000
	CONTINGENCY 10%		\$855,500
TOTAL			\$9,410,500

* Indicates project funded at time of publication



Venue Overview

Allan Border Field



Site Details

Club: Queensland Cricket

Address: 1 Greg Chappell St, Albion

Existing Lighting Infrastructure

Two ovals: No lighting

Practice facility 1 (8 turf pitches): Lighting provided

Practice facility 2 (8 turf pitches): Lighting provided

Site Description

Allan Border Field is located at the National Cricket Centre and is used by both Queensland Cricket and Cricket Australia for matches and training.

A lighting design is currently being developed for Allan Border field to will allow for Cricket Australia sanctioned night matches to be held and broadcast from the venue.

Project Recommendation

Facility Component	Cost Estimate
Allan Border Field - Broadcast standard lighting (design pending)	<i>To be confirmed</i>
Total Cost	<i>To be confirmed</i>



Allan Border Field

Shaw Park



Site Details

Club: Northern Suburbs District Cricket Club

Address: Shaw Road, Woolloowin, 4012

Existing Lighting Infrastructure

Three ovals: No lighting

Practice facility 1 (6 synthetic): Lighting provided

Practice facility 2 (6 synthetic): No lighting

Site Description

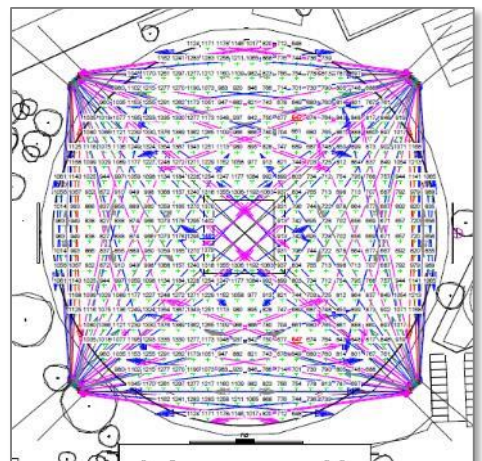
Shaw Park is the home of the National Cricket Campus (NCC) which will be delivered in 2020. The NCC will complement the National Cricket Centre and provide additional facilities for national pathways programs and matches.

Lighting will be delivered on three ovals at the site, with Ian Healy Oval at 750 lux, and Geoff Dymock Oval and Alan Pettigrew Oval at 500 lux infield.

Project Recommendation

Facility Component	Cost Estimate
Ian Healy Oval lighting	\$700,000
Geoff Dymock Oval lighting	\$450,000
Alan Pettigrew Oval lighting	\$450,000
Installation of practice facility lighting	\$135,000
Total Cost	\$1,735,000*

* Funded via the National Cricket Campus project



4 pole lighting schematic at Ian Healy Oval

Wynnum Manly



Site Details

Club: Wynnum Manly District Cricket Club

Address: Boundary Road, Tingalpa, 4173

Existing Lighting Infrastructure

Three ovals: No lighting

Practice facility (8 synthetic): 381 lux

Site Description

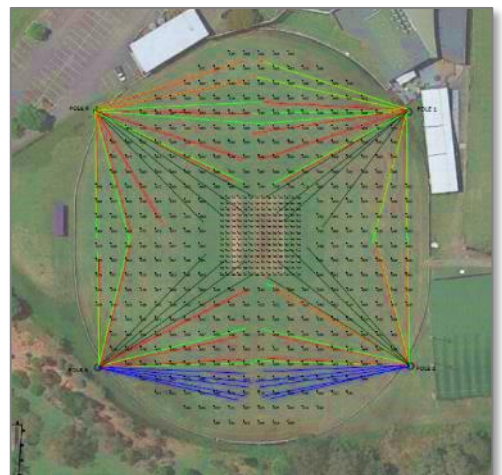
There is currently no lighting on the three ovals at the Wynnum Manly District Cricket Club.

Oval 1 at is recommended to have class I lighting installed to support the potential for both Premier Cricket and high performance pathway matches and events.

The existing lighting on the practice facility is below class II guidelines and should be considered for upgrade in the near future.

Project Recommendation

Facility Component	Cost Estimate
Installation of oval lighting class I <ul style="list-style-type: none">• 4 x 35m poles• 19 luminaires per pole• Allowance for power upgrade	\$750,000 \$40,000
Practice lighting upgrade (500 lux)	\$90,000
Total Cost	\$880,000



4 pole lighting schematic at Wynnum Manly

Ivor Marsden Sports Complex



Site Details

Club: Ipswich Logan District Cricket Club

Address: Old Toowoomba Road, Amberley, 4306

Existing Lighting Infrastructure

Baxter Oval: 322 lux infield, 242 lux outfield

Practice facility (5 synthetic): 949 lux

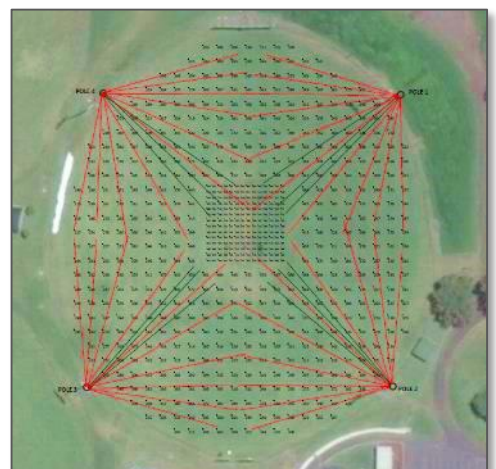
Site Description

Ivor Marsden Sports Complex is located adjacent the RAAF base on the western fringe of Ipswich. Baxter Oval has existing lighting that is below class II guidelines and should be upgraded to support the club to host night matches and programs.

Due to the close proximity to the RAAF base, consultation with and approval from the relevant aviation authorities will be required.

Project Recommendation

Facility Component	Cost Estimate
Installation of oval lighting class II <ul style="list-style-type: none"> • 4 x 30m poles • 13 luminaires per pole • Allowance for power upgrade 	\$570,000
	\$40,000
Total Cost	\$610,000



4 pole lighting schematic at Baxter Oval

EGW Wood Sportsground



Site Details

Club: Redland Tigers District Cricket Club

Address: Birkdale Road, Wellington Point, 4160

Existing Lighting Infrastructure

Three ovals: No lighting

Practice facility 1 (5 synthetic): 890 lux

Practice facility 2 (5 synthetic): 323 lux

Site Description

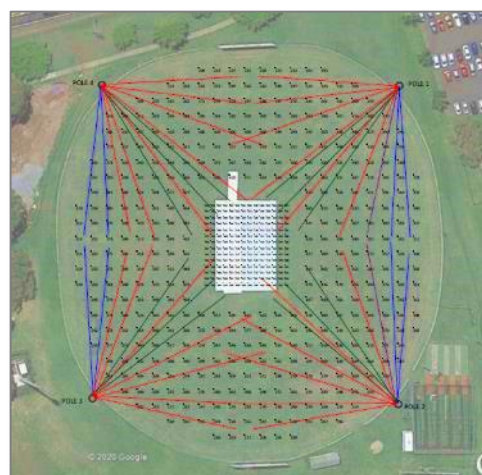
EGW Wood Reserve is a multi-sport facility, with three cricket ovals with no existing oval lighting.

The Redland Tigers District Cricket Club identified Oval 2 as the preferred field for the installation of lighting with the objective of driving participation in competition and programs at all levels.

The site has two practice facilities, with the primary practice facility recently constructed with lighting that exceeds class II guidelines.

Project Recommendation

Facility Component	Cost Estimate
Installation of oval lighting class II <ul style="list-style-type: none"> • 4 x 28m poles • 12 luminaires per pole • Allowance for power upgrade 	\$550,000
	\$40,000
Total Cost	\$590,000



4 pole lighting schematic at Oval 2

Deagon Sportsground



Site Details

Club: Sandgate-Redcliffe District Cricket Club

Address: Racecourse Road, Deagon, 4017

Existing Lighting Infrastructure

Bill Albury Oval: 102 lux infield, 107 lux outfield

Practice facility 1 (4 turf): 332 lux

Practice facility 2 (4 synthetic): 574 lux

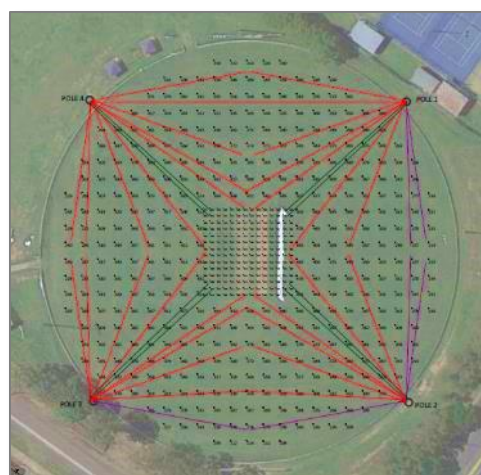
Site Description

The lighting on Bill Albury Oval is currently below requirements for matches, with a non-standard pole configuration that is aligned with the pitch at both ends of the playing field.

Installation of lighting to class II standards is recommended, including the realignment of pole positioning. Increased lighting on the turf practice facility to class II standards is also recommended.

Project Recommendation

Facility Component	Cost Estimate
Installation of oval lighting class II <ul style="list-style-type: none">• 4 x 28m poles• 11 luminaires per pole• Allowance for power upgrade	\$520,000 \$40,000
Practice lighting upgrade (500 lux)	\$90,000
Total Cost	\$750,000



4 pole lighting schematic at Bill Albury Oval

Fehlberg Park



Site Details

Club: South Brisbane District Cricket Club

Address: Venner Road, Fairfield, 4103

Existing Lighting Infrastructure

Jack Cooke Oval: 30 lux infield, 47 lux outfield

Practice facility (9 synthetic): 605 lux

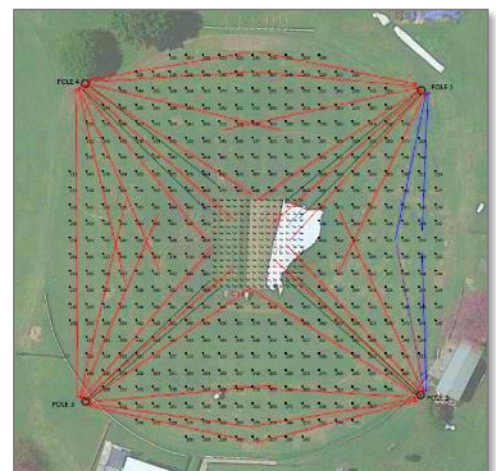
Site Description

Fehlberg Park consists of three ovals, with lighting currently in place on Jack Cooke Oval. The focus of the South Brisbane District Cricket Club is to install class II match standard lighting on Norman Gray Oval.

Norman Gray Oval is the main oval at the reserve, hosting Premier Cricket first XI matches. The practice facility lighting at the site has recently been upgraded and exceeds class II guidelines.

Project Recommendation

Facility Component	Cost Estimate
Installation of oval lighting class II <ul style="list-style-type: none">• 4 x 30m poles• 11 luminaires per pole• Allowance for power upgrade	\$520,000
	\$40,000
Total Cost	\$560,000



4 pole lighting schematic at Norman Gray Oval

Oxenham Park



Site Details

Club: Toombul District Cricket Club

Address: York St, Nundah, 4012

Existing Lighting Infrastructure

Oval 2: 114 lux infield, 142 lux outfield

Practice facility (6 synthetic): 613 lux

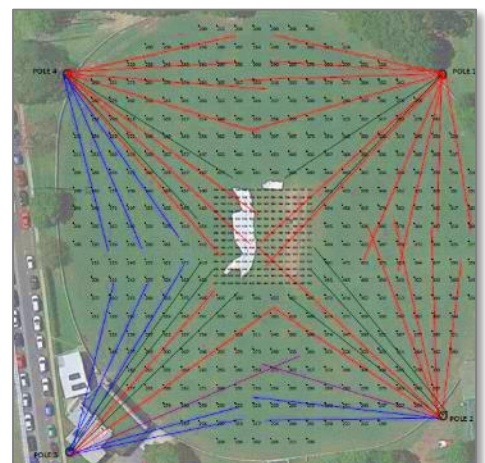
Site Description

Oxenham Park consist of two ovals with existing lighting infrastructure. Oval 2 has higher standard lighting, but requires a full upgrade to meet guidelines for Premier Cricket.

The aim of the Toombul District Cricket Club is to install class II match standard lighting on Oval 1. There is existing lighting on Oval 1 that is well below usable levels for any level of formal cricket competition.

Project Recommendation

Facility Component	Cost Estimate
Installation of oval lighting class II <ul style="list-style-type: none">• 4 x 34m poles• 12 luminaires per pole• Allowance for power upgrade	\$570,000 \$40,000
Total Cost	\$610,000



4 pole lighting schematic at Oval 1

University of Queensland



Site Details

Club: University of Queensland Cricket Club

Address: St Lucia Campus, Sir William McGregor Dr, St Lucia, 4072

Existing Lighting Infrastructure

WEP Harris Oval: 218 lux lighting

Practice facility 1 (4 synthetic): 372 lux

Practice facility 2 (4 synthetic, 3 turf): 486 lux

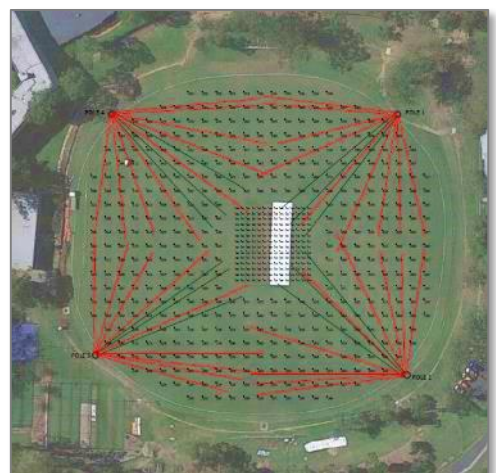
Site Description

WEP Harris Oval is the primary cricket oval at the St Lucia Campus and is currently used for first XI matches. Ovals 2 and 9 are secondary ovals that support lower grades of cricket and include shared use with other user groups.

The University of Queensland Cricket Club are seeking to upgrade lighting on WEP Harris Oval to match standard and practice facilities are recommended.

Project Recommendation

Facility Component	Cost Estimate
Installation of oval lighting class II <ul style="list-style-type: none"> • 4 x 30m poles • 12 luminaires per pole • Allowance for power upgrade 	\$550,000
	\$40,000
Practice lighting upgrade (500 lux)	\$90,000
Total Cost	\$680,000



4 pole lighting schematic at WEP Harris Oval

Caloundra Road Sports Precinct



Site Details

Club: Sunshine Coast Scorchers Cricket Club

Address: Caloundra Road, Meridan Plains, 4551

Existing Lighting Infrastructure

Ovals: Nil (to be constructed)

Practice facility: Nil (to be constructed)

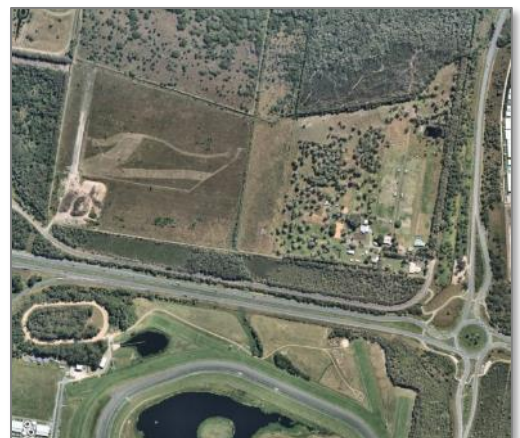
Site Description

The home facility of the Sunshine Coast Scorchers Cricket Club is located at Elizabeth Daniels Park, Buderim.

The Sunshine Coast Council is currently planning for the construction of a new regional sports precinct on Caloundra Road, Meridan Plains in the next 5 years. This new sports precinct will be a multi-sport venue, including cricket facilities for both Premier Cricket and high performance content.

Project Recommendation

Facility Component	Cost Estimate
Installation of oval lighting class II (to be confirmed during design)	\$550,000
Practice facility lighting (500 lux)	\$90,000
Total Cost	\$640,000



Aerial image of the Caloundra Road Precinct

Gold Coast



Site Details

Club: Gold Coast District Cricket Club

Address: Priddeys Road, Robina, 4226

Existing Lighting Infrastructure

Bill Phippen Oval: No lighting

Practice facility 1 (on-field turf): 211 lux

Practice facility 2 (3 synthetic): 290 lux

Project Recommendation

It is recommended that the Gold Coast District Cricket Club work closely with Gold Coast City Council to pursue planning avenues and further explore lighting options for Bill Phippen Oval, noting identified site challenges. The upgrade of practice facility lighting at Bill Phippen Oval is recommended to go ahead as soon as possible.

Facility Component	Cost Estimate
Estimate for oval lighting class II	\$600,000
Estimate for power upgrade	\$40,000
Practice lighting upgrade (500 lux)	\$90,000
Total Estimated Cost	\$730,000

Site Description

The Gold Coast District Cricket Club's home venue at Bill Phippen Oval is the club's preferred site for the installation of lighting due to the level of investment already made in establishing it as the premium cricket venue on the Gold Coast.

Bill Phippen Oval poses some planning challenges that will need to be addressed carefully.

Planning issues to be addressed include:

- Transmission lines intersecting the north-east of the site
- Nearby residential properties
- Cost and viability considering above

Achieving approval for the installation of lighting at Bill Phippen Oval will require investment in careful planning required to confirm ultimate feasibility.

Investment in professional planning services to suggest solutions and provide full costing to install lighting for cricket at Bill Phippen Oval is recommended.

Ashgrove Sportsground



Site Details

Club: Valley District Cricket Club

Address: Yoku Road, Ashgrove, 4060

Existing Lighting Infrastructure

Oval 2: 780 lux infield, 422 lux outfield

Practice facility (9 synthetic, 2 turf): 269 lux

Site Description

Ashgrove Sportsground consists of three ovals, with existing lighting that exceeds class II guidelines on Oval 2. Lighting is installed on Oval 1 at a lower standard and is used for training and junior programs.

The existing lighting on the practice facilities is below guidelines for Premier Cricket and should be considered for an upgrade in the near future.

Project Recommendation

Facility Component	Cost Estimate
Practice lighting upgrade (500 lux)	\$120,000
Total Cost	\$120,000



Playing field lighting at Ashgrove Sportsground

Chelmer Park



Site Details

Club: Western Suburbs District Cricket Club

Address: Oxley St, Chelmer, 4068

Existing Lighting Infrastructure

Chelmer Oval: 638 lux infield, 527 lux outfield

Practice facility: Nil

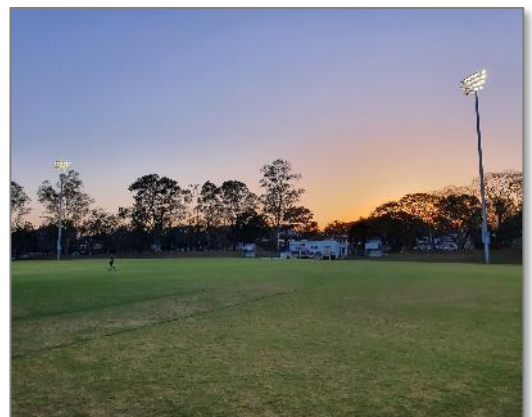
Site Description

Existing lighting at Chelmer Park exceeds class II guidelines for cricket and further upgrades are not a priority at this stage. Replacement of the existing lighting with a new LED system has been included as a low priority, but should be considered when lighting is due for future replacement.

The Western Suburbs District Cricket Club are currently implementing a master plan at the site that incorporates other facility components.

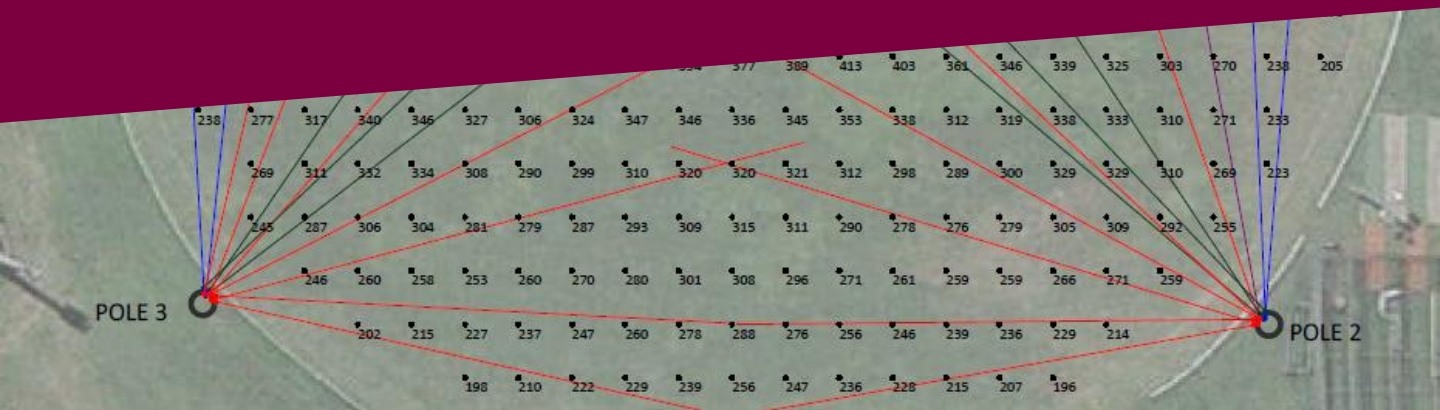
Project Recommendation

Facility Component	Cost Estimate
Installation of LED oval lighting	\$750,000
Total Cost	\$750,000



Playing field lighting at Chelmer Park

Design Considerations



Lighting Class Level

Lighting concept designs within this prospectus have generally been prepared to Class II standards (500 lux infield / 300 lux outfield). Class II lighting prioritises use by lower men's grade competitions, women's competitions and junior competitions, and focuses on increasing participation while balancing capital and operational costs.

Class I lighting (750 lux infield / 500 lux outfield) may be considered during the development of detailed lighting designs for each site, noting the following considerations:

- The capital cost of installation is estimated to be an additional \$200,000 - \$250,000 per site
- Installations may create conflicts with adjacent properties relating to obtrusive light, particularly for sites in close proximity to residential properties
- Consultation with the relevant land manager is vital to confirm any planning restrictions that may impact delivery

Lighting Designs

Each identified lighting project site will require confirmation of lighting design and supply requirements to determine the exact project construction cost. It is recommended that a tender (or similar) process take place for each funded project or a group of projects to meet this requirement.

In addition to the design of lighting infrastructure, consideration should be given to:

- Electrical supply to the site, including requirements for future facility upgrades and electricity provider charges
- Geotechnical assessment (including contaminated land)
- Obtrusive light and potential conflicts with adjacent property uses
- Ongoing maintenance and operational costs

Additional detailed lighting designs and costings giving additional detailed consideration to the issues identified above can be delivered by individual contractors identified for each project site.

Acknowledgements



Lighting Audits undertaken by Musco Lighting



Lighting designs developed by Rexel Lighting



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