



LEADSUN
EST. 2005

ALWAYS DEPENDABLE

IN PARTNERSHIP WITH



CASE STUDY

CLIENT

Maitland City Council

PROJECT

Maitland Regional Athletics Complex
car park & pathway lighting

TRADITIONAL CUSTODIANS

The Wonnarua People

Illuminating Hunter Valley's Premier Sporting Complex

The Maitland Regional Sporting Complex, located in Maitland, Australia, has undergone a significant upgrade thanks to a \$8.6 million NSW State Grant. The complex now features state-of-the-art facilities, including a World Athletics certified synthetic athletics track, a major oval for various sports, track and field amenities, modern change rooms, a cafeteria, and multi-purpose function spaces. With the increased traffic and importance of community safety, the Maitland City Council sought a lighting solution for the shared pathways and car park surrounding the complex.

Seamless installation

To address the need for lighting, the council initially considered conventional cabled lighting. However, concerns about disruption during installation led them to explore other options. After comparing alternatives, the council chose Leadsun's SMART solar lighting. It not only offered cost savings of 40% during installation but also provided long-term economic benefits by eliminating ongoing electricity charges.



Image source: Maitland City Council
<https://vimeo.com/477779839>

Sustainable safety solutions

Approximately 1km of Leadsun's SMART solar lighting was installed around the Maitland Regional Sporting Complex, ensuring safety and security for visitors and athletes. This solution not only exceeded expectations but also aligned with the council's commitment to environmental sustainability. The project delivered an economical and eco-friendly enhancement to the community.

Thanks to the collaborative efforts of the Maitland City Council, Leadsun, and installation partners, residents and visitors can now fully enjoy the world-class facilities of the Maitland Regional Sporting Complex. The successful implementation of SMART solar lights has set the stage for future upgrades, demonstrating a commitment to ongoing sustainable development.

Leadsun Products Used

AS/NZS 1158.3.1 lighting compliance	PC3 (car park), PP3 (shared pathway)
Solar module series	AE3
Solar size	55W
LED output programming	From dusk to dawn, 100% full brightness for 5 hours then dim to 20%
Pole footing type	Ragbolts
Pole type	Lowerable
Additional solutions	EDGE

We acknowledge the Traditional Custodians of the land on which this project was undertaken, the Wonnarua People. We recognise their continuing connection to land, waters and culture and we pay our respects to Elders past, present and emerging.

