



University Of Tasmania Urban Realm

Founded in 1890, the University of Tasmania (UTAS) is Australia's fourth oldest university. Despite many years passing, the University's purpose remains the same today as it was back then - to make their island home and the world a better place through academic excellence.

The University's main campuses are in Hobart, Burnie and Launceston with a few smaller specialist facilities in Sydney. UTAS prides itself on offering a welcoming, collaborative community to inquisitive and creative minds from both near and far.

As part of a \$300 million project, a new campus is being constructed at Inveresk in the heart of Launceston. The campus will become central to the life of the city - a vibrant place where the community, business, industry and the University can connect and collaborate.

The new campus will feature modern educational and learning facilities across a range of a disciplines, community services, student accommodation, recreational areas, transport infrastructure and more. Students and staff have already begun transitioning to the new campus, with completion expected in 2024.

One of the recently completed stages is the **Urban Realm** - a series of interconnected outdoor areas totalling 15,000 square metres. Urban Realm includes a community garden, performance spaces and recreational areas featuring two multi-sport courts, a running track, table tennis courts and a seating area. The sport courts' unique design is a nod to the area's history - with line markings and colours emulating the rising tide of the nearby river, rooflines and a now-defunct railway station. **Advanced Lighting Technologies** supplied the exterior lighting used to illuminate this recreational area.

END USER

University of Tasmania

ELECTRICAL CONSULTANT

Introba

LOCATION

Launceston, TAS

CHALLENGES

- Achieve light levels recommended in Australian Standard
- Minimise upward light

SOLUTIONS

- Cree Lighting OSQ High Output Series
- Poles & foundation cages

RESULTS

- Desired light levels achieved
- Warm, inviting illumination
- Zero upward waste light



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Due to its geographic location and vast wilderness areas, Tasmania has some of the darkest skies in the world and lighting designers are encouraged to make every effort to help retain them. The design brief called for a functional lighting solution that not only met the light levels recommended by the relevant Australian Standard for sports lighting (AS 2560) but also minimised any upwards light pollution.

Advanced Lighting Technologies offered the perfect solution - the **Cree Lighting OSQ High Output Area & Flood Light**. The OSQ High Output Series is a specification-grade luminaire that blends performance with functionality and flexibility in a feature-packed, low-profile design.

The design was completed to achieve an average light level of at least 100 lux while considering dark sky best practice lighting principles. Cree Lighting's advanced integrated optical control (known as NanoOptic® technology) means any obtrusive light is minimised while its full cut-off design generates zero upward waste light. The luminaires supplied to UTAS feature DALI dimming controls and a correlated colour temperature (CCT) of 3000K which helps to create a warm and inviting atmosphere.

Recreation and leisure facilities assist in promoting a healthier and more active lifestyle and contribute to social inclusiveness and community engagement and interaction. At UTAS, the Cree Lighting OSQ High Output's long lifetime and industry-leading warranty means the local community will be using these facilities for years to come.



Photo Credit: UTAS

A complete lighting solution for education providers

Advanced Lighting Technologies can supply campus-wide lighting solutions for educational facilities, including classrooms, offices, sports facilities, storage areas, car parks, pathways, roadways and more.

Contact us for more information today!



FEATURES

- CRI : Up to 90 (@5000K*)
- CCT: 3000K | 4000K | 5000K | 5700K
- NanoOptic® Precision Delivery Grid Optic
- TrueWhite® Technology*
- Exclusive DeltaGuard® finish
- IP66 | IK08
- Versatile mounting configurations
- 10 year warranty
- Future Proof*

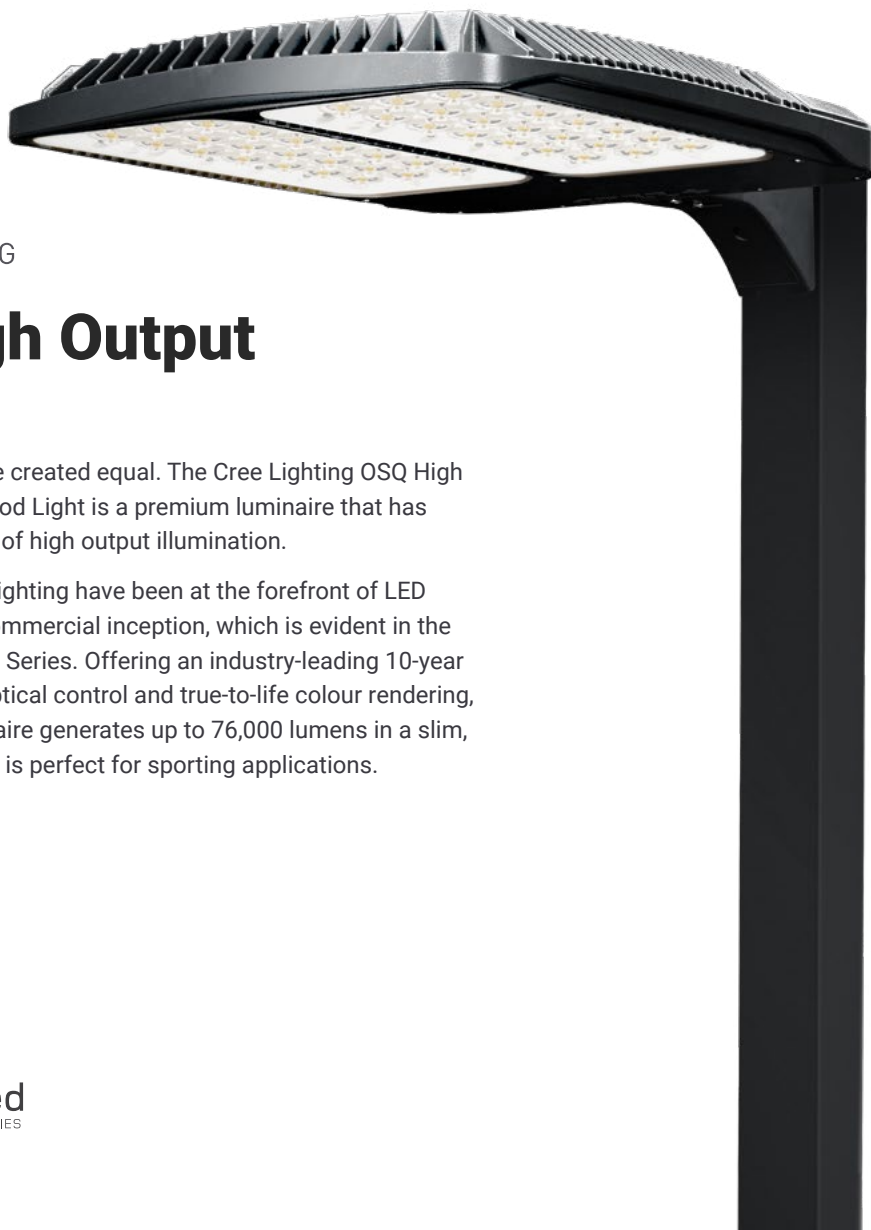
BENEFITS

- Slim low-profile design
- Simple installation
- Minimal wind load requirements
- Premium long-term warranty

APPLICATIONS

- Sporting applications
- Car dealerships
- Council & government
- Outdoor area

** Optional/Model dependant*



CREE LIGHTING

OSQ High Output

AREA & FLOOD LIGHT

Not all light fittings are created equal. The Cree Lighting OSQ High Output LED Area & Flood Light is a premium luminaire that has changed the standard of high output illumination.

Market leaders Cree Lighting have been at the forefront of LED innovation since its commercial inception, which is evident in the OSQ High Output (HO) Series. Offering an industry-leading 10-year warranty, advanced optical control and true-to-life colour rendering, this remarkable luminaire generates up to 76,000 lumens in a slim, low-profile design that is perfect for sporting applications.

Contact us today for more information on how we can provide lighting solutions to fit your needs

