



CASE STUDY

AURA TOWN CENTRE

THE CITY OF COLOUR

Located on Queensland's Sunshine Coast, Aura is a large residential development being constructed by one of Australia's biggest property groups, Stockland.

The development is a big one - due to be constructed over three decades and cost upwards of \$5 billion, Aura is set to house up to 50,000 residents upon completion. Aptly described as "the city of colour", Aura will feature parks, bicycle and walking paths, public amenities, retailers, and an environmental conservation network.

At the heart of this vibrant community is the town centre. As part of this development, Advanced Lighting Technologies supplied a selection of luminaires from our architectural range, including the impressive 3.5m tall Arcluce Soul180 Urban LED Bollard, and the striking Arcluce Lunio7 LED Area Light. Both were supplied in **3000K CCT**, providing a warm, inviting atmosphere that perfectly complements the lush greenery of the surrounding parklands.

We also supplied many smaller fittings perfect for highlighting architectural features, accents and facades, including the **Arcluce Moto & Tito LED Flood Lights** in RGB, helping to bring Aura's "city of colour" mantra to life!

In addition to pathway and architectural lighting, we also supplied the **Cree OSQ LED Area / Flood Light** to illuminate Aura's skate plaza. Designed to achieve average light levels of 100 lux, as per typical skate park recommendations.

Where required, other light levels were designed to comply with relevant Australian Standards, including:

- AS/NZS 1158.3.1-2005 Category P7 - Public Activity Areas (Excluding Car Parks).
- AS/NZS 1158.3.1-2005 Category P2 - Local Areas & Pathways.

Contact us today for more information about this remarkable project!

END USER

STOCKLAND

ELECTRICAL CONTRACTOR

CV SERVICES

LOCATION

SUNSHINE COAST, QLD

CHALLENGES

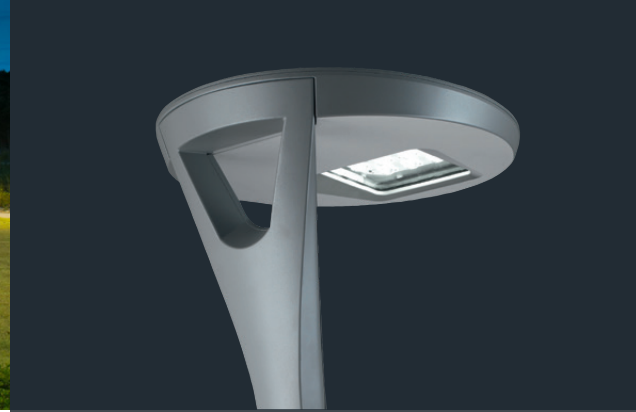
COMPLY WITH REQUIRED LIGHT LEVELS
ACHIEVE DESIRED ARCHITECTURAL AESTHETIC

SOLUTION

CREE OSQ SERIES LED AREA & FLOOD LIGHT
ARCLUCE SOUL180 URBAN LED BOLLARD
ARCLUCE LUNIO7 LED AREA LIGHT
ARCLUCE MOTO & TITO LED FLOOD LIGHTS
IN RGB + MANY MORE ARCLUCE FITTINGS

RESULTS

LIGHT LEVELS COMPLIANT WITH AUSTRALIAN
STANDARDS WHERE REQUIRED
HIGH QUALITY ILLUMINATION
WARM 3000K COLOUR TEMPERATURE
COMPLIMENTS AURA'S SURROUNDINGS
SPLASHES OF COLOUR USED TO
BRILLIANT EFFECT



Arcluce Lunio7 LED Area Light

LED AREA & FLOOD

Featuring beautiful European design, The Arcluce Lunio7 LED Area Light's name comes from its distinct appearance. Like the other members of the Lunio family, the Lunio7 is perfect for outdoor applications including parks, shopping centres, walkways and other urban applications.

The Lunio7 can be supplied with DALI dimming controls and features a double layer of protective paint resistant to corrosion and UV rays.



FEATURES

- DIE-CAST ALUMINIUM BODY
- INGRESS PROTECTION RATING OF IP66
- AVAILABLE WITH SEVERAL POWER RATINGS
- AVAILABLE IN 3000K & 4000K CCT (2200K AVAILABLE UPON SPECIAL REQUEST)
- HIGH COLOUR CONSISTENCY

BENEFITS

- LOW-PROFILE DESIGN
- FULL CUT-OFF LUMINAIRE (NO UPWARDS LIGHT POLLUTION)
- BEAUTIFUL EUROPEAN STYLING
- REDUCED ENERGY CONSUMPTION COMPARED TO TRADITIONAL LIGHTING SYSTEMS



Arcluce Soul180 Urban LED Bollard

LED BOLLARD

With its sleek and homogeneous lines, the Arcluce Soul180 Urban LED Bollard has a design that stands out. It's the perfect luminaire to light up promenades and pedestrian areas, green zones and city parks, as well as parking areas. The upper optic has 3 LEDs which provide radial illumination, emitting beautiful, uniform light without using additional screens.

Designed to stand the test of time, Soul180 is the ideal solution to add style and personality to your projects without compromising on efficiency or quality.

Available in a 3.5m, 3m and 1m tall bollard version.



FEATURES

- SCREEN MANUFACTURED FROM THERMAL-SHOCK RESISTANT TEMPERED GLASS
- IP66 RATING THANKS TO SILICONE GASKETS
- AVAILABLE IN 3000K & 4000K VERSIONS

BENEFITS

- EVEN, RADIAL ILLUMINATION THANKS TO ADVANCED OPTICS
- DESIGNED TO WITHSTAND IMPACTS UP TO IK07
- BEAUTIFUL EUROPEAN STYLING BLENDS INTO ANY SITE SEAMLESSLY



Cree OSQ LED Area & Flood Light

LED AREA & FLOOD

The Cree OSQ Series LED Area & Flood Light blends extreme optical control, advanced thermal management and modern, clean aesthetics.

Built to last, the housing is rugged cast aluminium with an integral, weather-tight LED driver compartment. Versatile mounting configurations offer simple installation.

Its slim, low-profile design minimises wind load requirements and blends seamlessly into its surroundings, providing even, quality illumination. Perfect for new construction or upgrading HID luminaires.



FEATURES

MINIMUM 70 CRI (3000K, 4000K & 5700K);
90 CRI (5000K)

CCT: 3000K, 4000K, 5000K, 5700K

UTILISES NANOOPTIC® TECHNOLOGY

EXCLUSIVE DELTAGUARD® FINISH

BENEFITS

SUITABLE UPGRADE FOR HID APPLICATIONS
UP TO 400 WATTS

VERSATILE MOUNTING CONFIGURATIONS
OFFER SIMPLE INSTALLATION

SLIM, LOW-PROFILE DESIGN MINIMISES WIND
LOAD REQUIREMENTS

STANDARD 10-YEAR LIMITED WARRANTY
(CLASS 1 INSULATION)



Arcluce LED Flood Lights

RGB LED SOLUTIONS

A number of RGB fittings were also used as part of the project, designed to further enhance and compliment the thriving community's reputation as "the city of colour".

This includes the **Arcluce Moto & Tito LED Flood Lights** in various colours, used throughout the skate plaza and surroundings to highlight artwork, trees and other urban amenities.

These bursts of colour offer a perfect contrast against the warm 3000K luminaires used to light the pathways, public space and skate park.

Many other smaller luminaires were used to highlight architectural features, accents and facades, including recessed downlights, uplights, linear fittings and more.



TITO



MOTO

ARCLUCE MOTO LED FLOOD LIGHT

SCREEN MADE OF TEMPERED GLASS

HIGH IMPACT & INGRESS RESISTANCE (IP66 & IK10)

AVAILABLE WITH EXTENSIVE RANGE OF BEAM ANGLES

ARCLUCE TITO LED FLOOD LIGHT

HIGH IMPACT & INGRESS RESISTANCE (IP68 & IK08)

AVAILABLE WITH WIDE, NARROW AND MEDIUM BEAM ANGLES

OTHER PRODUCTS USED AT AURA TOWN CENTRE

ARCLUCE RAY LED RECESSED FITTING

ARCLUCE INGROUND LED RECESSED FITTING

ARCLUCE KRIO-IN LED LINEAR RECESSED FITTING & MORE...

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