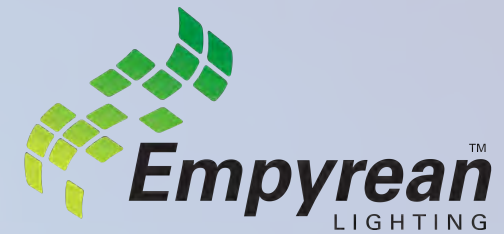


Internal & External LED Lighting Solutions



Educational Facilities - Universities, TAFE & Schools



Introducing

Empyrean Lighting

Established in 2009, Empyrean Lighting are an award winning Sunshine Coast based company who design, manufacturer and supply ultra high quality LED lighting solutions.

We're project specialists in completing **full campus retrofits across universities, TAFE and schools** - everything from **lecture theatres, stadiums, laboratories and carparks**. Our solutions ensure the client achieves maximum energy savings, improved lighting standards and reduced ongoing maintenance costs.

Internal Products

Corona Ultra Slim Panels

Our 8th generation of LED Panel with over 200 varieties designed specifically for commercial applications

- Sizes 1200x300mm / 600x600mm / 600x300mm / 300x300mm
- Power options 26W / 30W / 40W / 70W
- Low UGR Options >16
- Flicker Free Drivers
- Multitude of Mounting Options (T-Bar/Grid, Surface Mount, Suspended etc.)
- ~4000K Natural White CCT
- Custom options – Cyanosis Compliant & Up/Down



Southern Cross Campus, Lismore

Getting the Facts

Benefits of Corona Luminaires

- Use 50% less electricity than fluorescent technology
- Lasts on average three times as long as fluorescent tubes
- Generates very little heat reducing loads on air-conditioning, lessens fire risk and improves safety
- Does not require a starter or ballast – further reducing energy use and fixture weight
- Contains no harmful or toxic substances and does not emit UV radiation
- Comply to all Australian certifications including RCM
- Comprehensive 5yr warranty
- Cost little more than a traditional fluorescent troffer with typical return on investment between 1-3 years



Central QLD University, Mackay



"The Corona panel products installed across teaching, office and circulation spaces have improved security and safety across campus through providing consistent and uniform light, enhancing the physical environments in an efficient and cost effective lighting solution."

"Occupant feedback has been overwhelmingly positive. Easy to install and maintain, this product integrates well with occupancy control solutions and is a brilliant retrofit solution into ceiling grids of various sizes and with limited cavity spaces. This product will feature in future refurbishments, spreading sustainability success across our campus."

Glenn Mowbray, Manager of Operations & Maintenance at The University of Canberra

Product Info

Click the icon to download the file

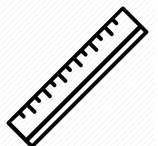
PRODUCT CODE

PRODUCT IMAGE

DATASHEET | IES FILE | SCHEMATIC

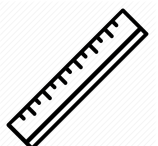
Corona Rectangular

(1200 x 300mm / 600 x 300mm)



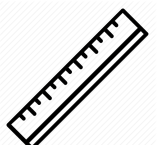
Corona Square

(600 x 600mm / 300 x 300mm)



Corona Circular

(180mm - 960mm Options)



Mounting Options

(TBAR / Recess / Surface / Suspension)



Andromeda LED Luminaires

With over 9,000 options, we have a solution for carparks, stadiums, path/walkways, warehouses and general floodlighting.

- Powers from 40W to 1000W in styles suitable for flood, pole mount and linear lighting
- 120lm/W Post Optics
- Power Factor 0.97
- Nichia High Power Diodes
60,000/100,000hrs (to L70B10) lifespan
- Low profile, dimmable, intelligent control
IP66 & IK08 Shock Resistant
- -40° to 50° Deg operating temperature
Quick release drivers



Getting the Facts

Benefits of Andromeda Luminaires

- Reduced maintenance costs with a lifespan of 100,000 hours to L70B10
- Robust (IK08) and weatherproof (IP66), reducing the risk of failure or damage from impact.
- 70% more efficient than traditional lighting (Metal Halide, Mercury Vapour, High Pressure Sodium)
- Backed by a 5year comprehensive warranty
- Mounting options to suit any application
- Comply to all Australian certifications including RCM
- Suitable for adding into control systems with DALI & 0-10V driver options
- Drivers can be remote mounted to assist with maintenance



"Padua College chose to install the Andromeda LED Flood luminaires due to their high efficacy, lower operating cost and reduced maintenance requirements. After reviewing the designs of other recently constructed sports facilities in Australia and around the world, this was determined to be the best lighting solution for the space."

Andrew Aitken, Project Electrical Engineer



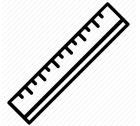
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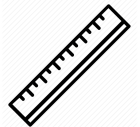
Andromeda-C-Flood
(Stadium, Warehouse, External)



Andromeda-C-PoleM
(Carparks, Pathways, Streets)



Andromeda-C-Linear
(Walkways, Carparks)



Andromeda-XPS-WallP
(External Buildings)

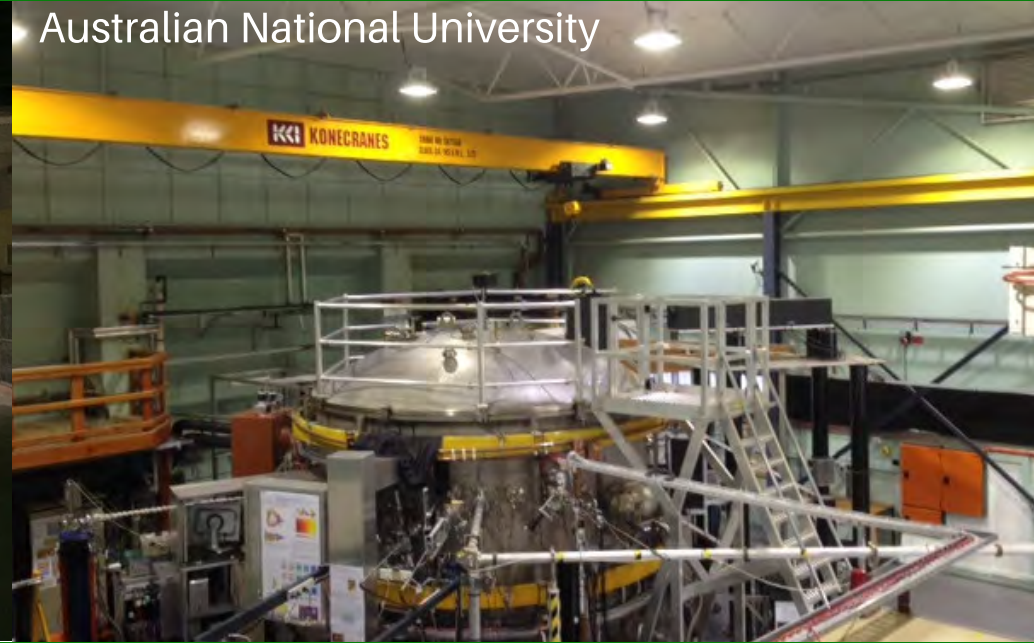


Installation Examples

University of the Sunshine Coast



Australian National University



Maleny State School



University of Canberra



Innovation Centre

How we guarantee the best results

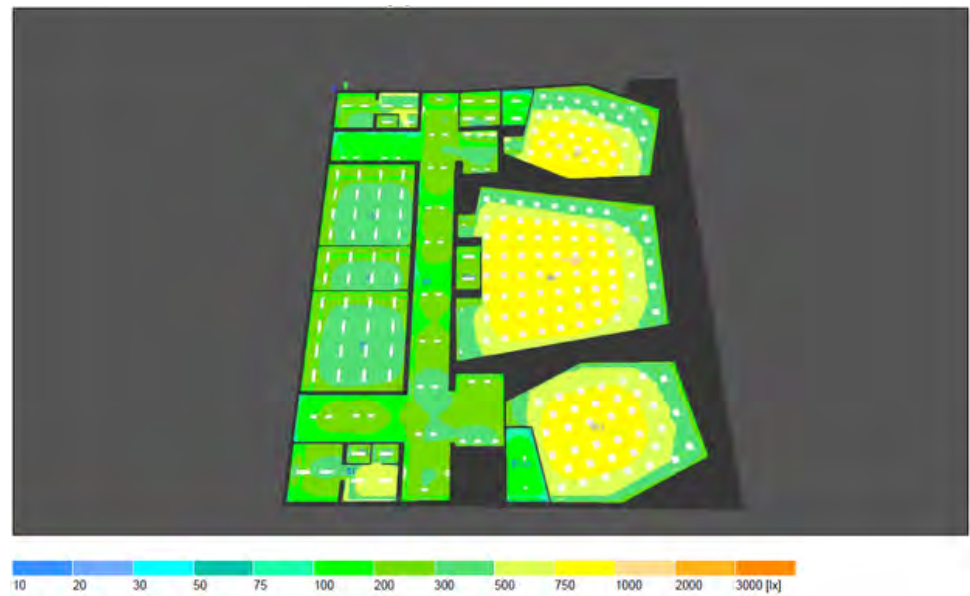
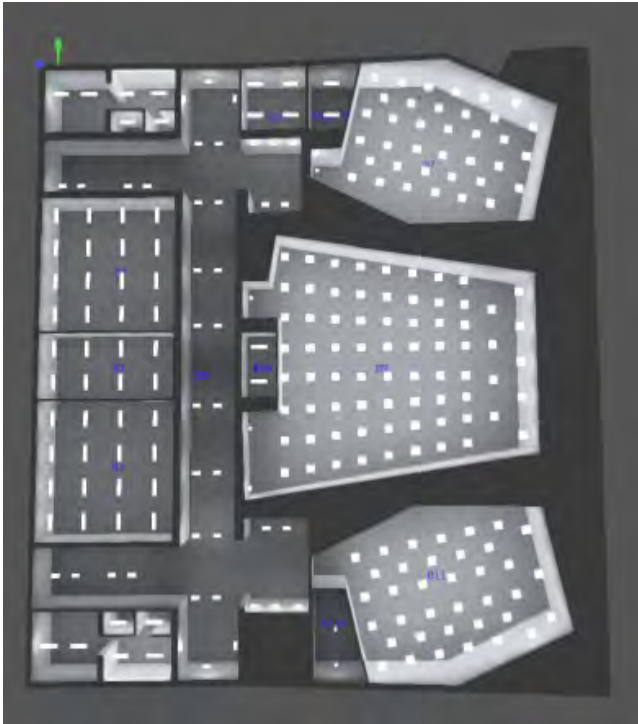
Comprehensive Lighting Designs

- Designed to comply with relevant Australian & New Zealand standards
- Ability to reuse existing locations for retrofit applications
- Ensures uniform light distribution (no hot spots) and identifies any problematic areas

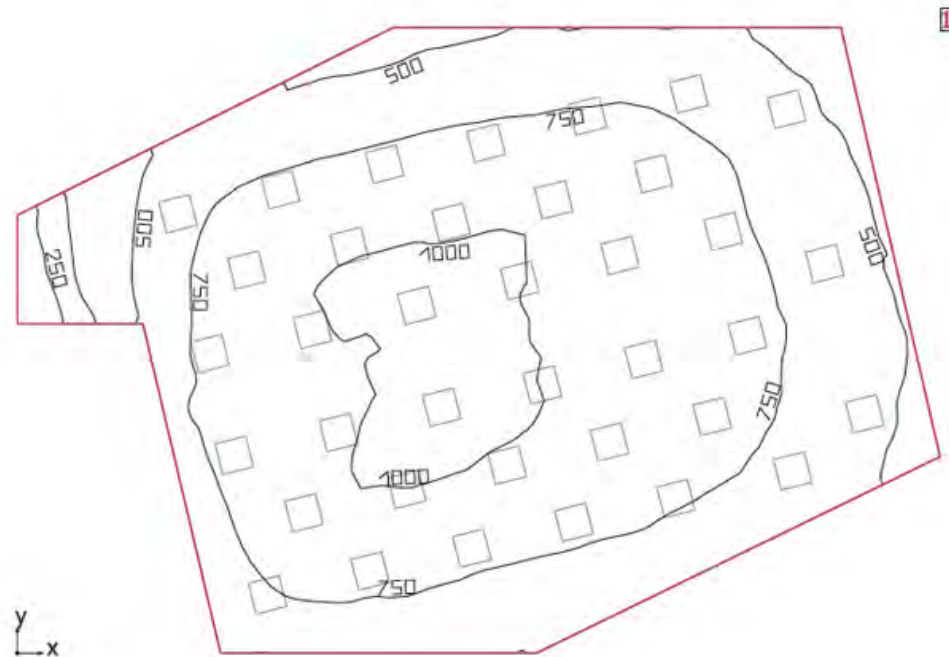
Example of Internal

DIALux Lighting Design

Site Recreation in Software



False Colour Render



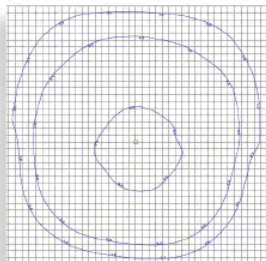
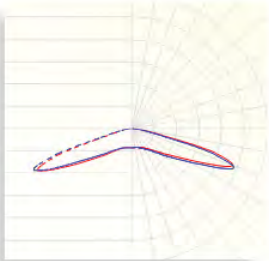
Designed Lux Values Per Room

Example of External

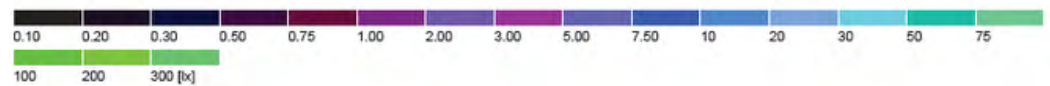
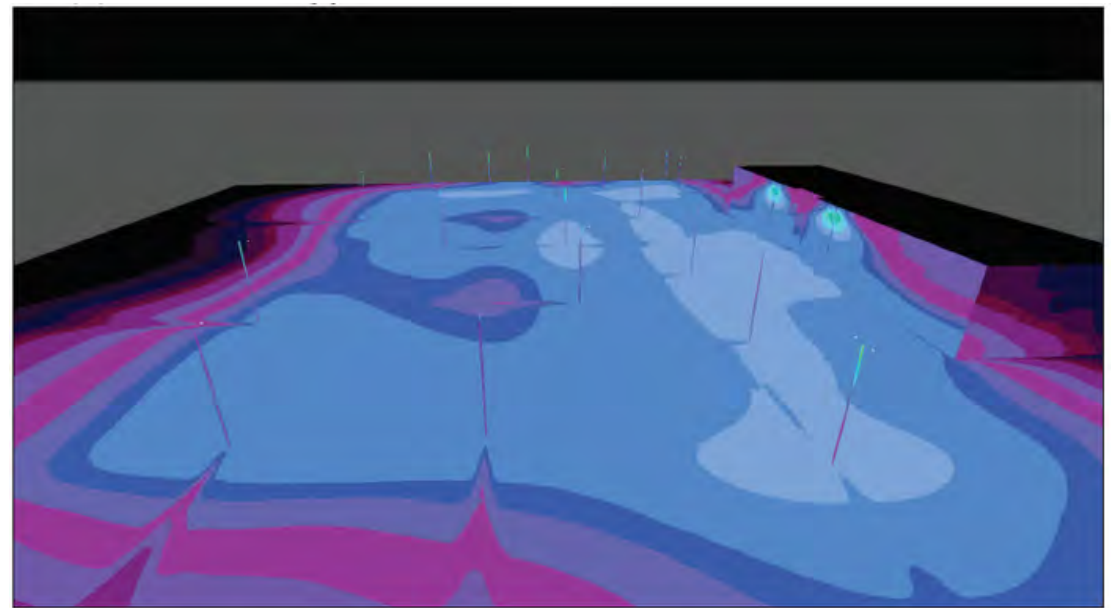
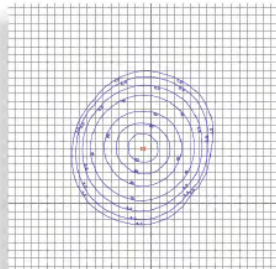
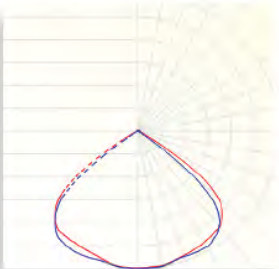
DIALux Lighting Design

Light Distribution (Example Optics)

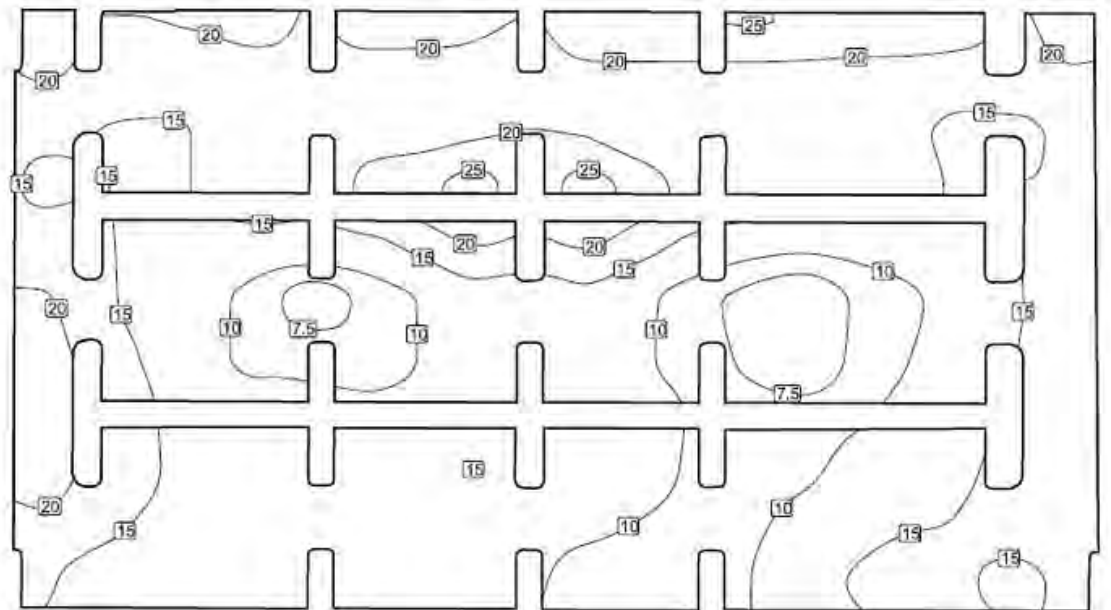
LENS K18: 146°



LENS K81: 102°



False Colour Render (above) & Designed Lux Values (below)



Scale: 1 : 542

Contact Us

Get in touch for a site visit or to generally discuss your campus lighting requirements further!

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caloundra
chamber of commerce



empyreanlighting.com 