FOS

lighting

Living & Lifestyle

foslighting.com.au

FOS Lighting

THE FOS EXPERIENCE

FOS Lighting has an experienced engineering and design team who understand the architectural landscape of the lighting sector and its clients, while a dedicated manufacturing team brings cutting edge solutions to market. With quality and experience, FOS Lighting manufactures and distributes a complete selection of quality luminaires and lighting control systems to the following sectors:

- Office & Communication
- Science & Education
- Art & Culture
- Industry & Engineering
- Transport & Environment
- Adverse & Custodial
- Living & Lifestyle
- Retail & Presentation
- Care & Health
- Leisure & Entertainment
- Sports & Recreation
- Experience & Advertising
- Urban & Architecture
- Wellness & Hospitality

FOS QUALITY

FOS Lighting is a proud manufacturer and exclusive distributor of cutting-edge luminaires within Australia and New Zealand. With our integrated distribution and manufacturing facilities in Melbourne and Brisbane, we can provide a lighting solution from concept to delivery. FOS Lighting is known for its outstanding workmanship, quality, and getting the job done - its International ISO 9001:2015 accreditation is testament to this.

THE FOS WAY

FOS Lighting is a solutions driven, innovative lighting and controls business using in-house experience and engineering coupled with manufacturing facilities in Australia. Working closely with key account customers, its project lighting solutions business is based on innovative lighting concepts using leading edge technology to generate new levels of impact in both design and function.

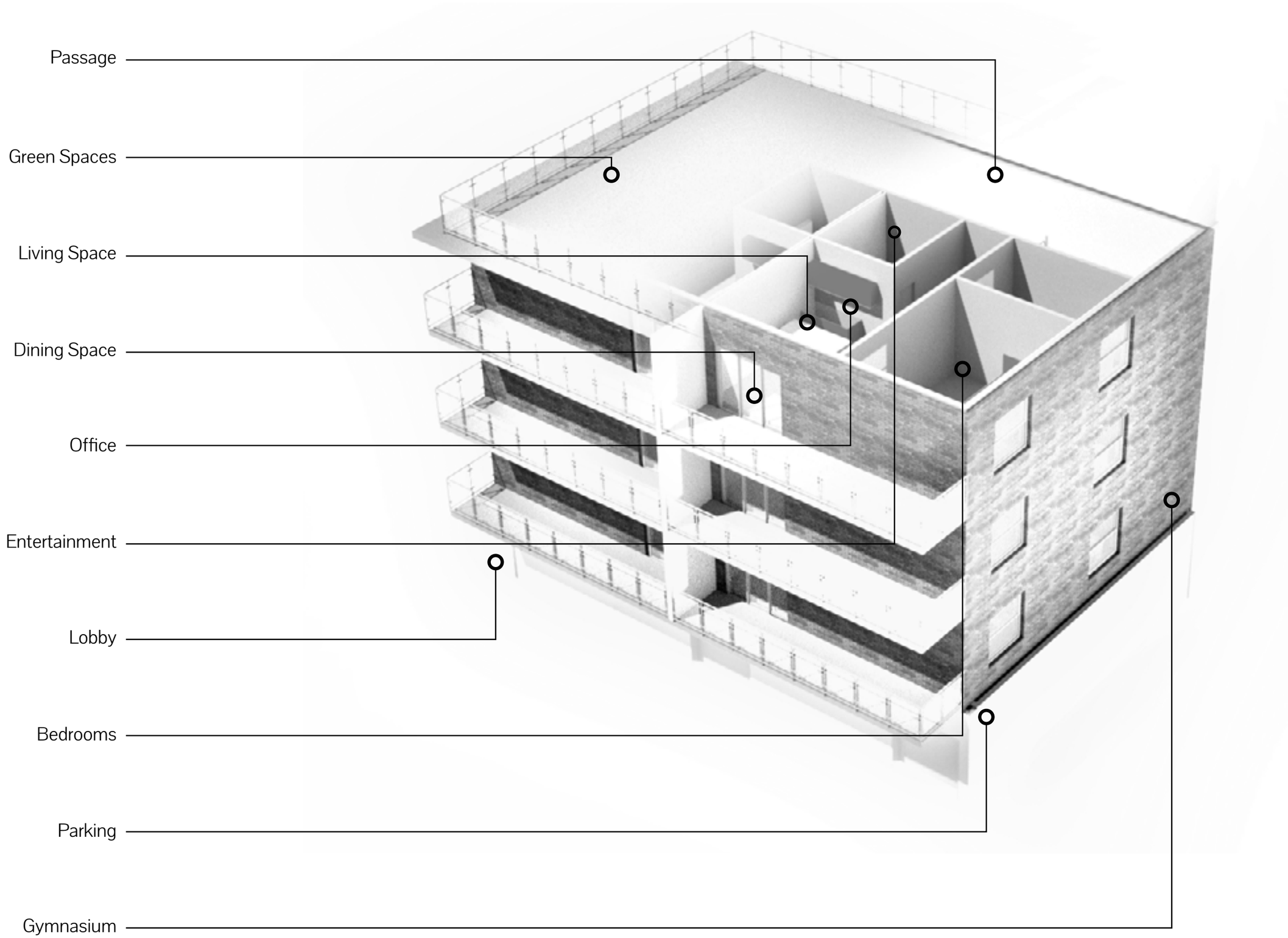
FOS Lighting is highly regarded in the market for its knowledge of the lighting industry, this is made possible with its committed, highly talented and motivated team members, that continuously strive to provide the highest quality of product and service in the Australian and New Zealand market.

FOS - WE DELIVER

FOS Lighting is dedicated to achieving the desired lighting solution for all lighting requirements. The combination of our experienced research and development teams leveraging the power of the latest technology in 3D modelling programs, and reliable delivery of materials from our trusted and dependable suppliers allow us to meet client expectations and deliver on time.

Contents

Solution Centre



High CRI Illumination

CRI Impacts on Everything

High Colour Rendering Index (CRI) LED illumination has revolutionised lighting design, offering superior colour accuracy, energy efficiency, and versatility across various applications. Defined by its ability to reproduce colours faithfully compared to natural light, high CRI lighting (typically CRI 90+) is a critical component in environments where colour fidelity is a fundamental requirement.

High CRI LEDs deliver accurate and vibrant colour representation; by providing a near-true replication of daylight, they enable precise differentiation of colours and textures, reducing errors in tasks requiring fine visual detail. In residential settings, High CRI Luminaires enhance the appearance of décor, textures and art definition, while assisting with domestic tasks that require accurate colour differentiation.

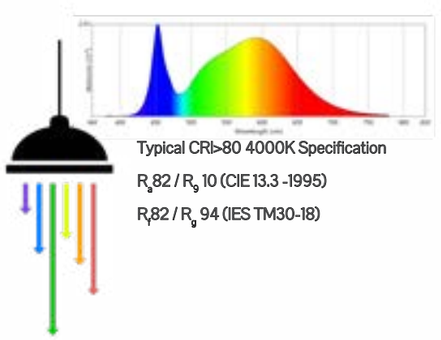
By emitting a more balanced light spectrum, high CRI LEDs minimise colour distortion and glare, reducing eye strain and fatigue. This is particularly advantageous in workspaces and study environments where prolonged visually challenging tasks are performed. The natural lighting quality also enhances mood and cognitive function thanks to its effect on circadian rhythms, contributing to overall well-being, an essential component for built environment spaces that we spend a significant amount of time in.

Modern high CRI LEDs achieve excellent performance while providing relative energy efficiency. With lower power consumption and extended lifespan compared to traditional lighting solutions, they provide both economic and environmental benefits. This makes them an ideal choice for residential installations aiming to reduce operational costs (OpEx) as well as carbon footprint. Additionally, quality manufacturers have started to investigate how longevity can be extended via the use of modular componentry as well as providing gear trays that will extend the life of existing traditionally powered fittings and improve their colour performance. This also permits the introduction of modern wireless or mesh based management and control options into existing structures as part of renovations.

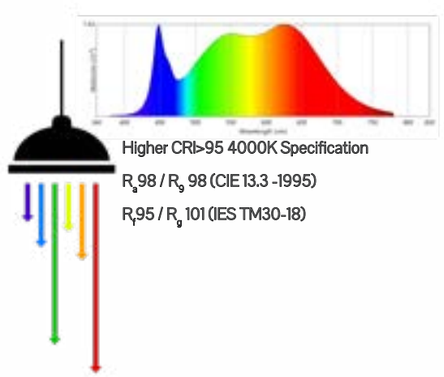
High CRI LEDs are compatible with advanced lighting technologies, such as dim-to-warm and tuneable white systems, allowing seamless adjustment of brightness and colour temperature. This adaptability ensures optimal lighting conditions for diverse scenarios within the same space.

FOS Lighting can deliver on the promise of high CRI illumination. The quality brands that we manufacture, and curate means we can meet the requirements of your most exacting projects.

Typical Colour Performance



Full Spectrum Colour Performance



The data reflected above is legitimate tested spectrum data, as is the colour analysis. The coloured arrows are properly scaled based on spectral power for the nominal colour ranges. The images are an acurate reflection of the impact that the illuminance will have on product that it reflects off.

Image courtesy of: Securlite

Image courtesy of: Securlite

Lighting for Living

Tuneable White Technology

Tuneable white technology represents a significant advancement in LED lighting, allowing users to dynamically adjust the colour temperature of light to suit various needs and activities. This innovative system provides a range of colour temperatures, typically between 2700K (warm white) and 6500K (cool white), offering unparalleled flexibility and control in domestic illumination.

Enhanced Circadian Rhythm Support

A key benefit of tuneable white technology is its ability to align artificial lighting with natural circadian rhythms. Cooler, brighter light (5000–6500K) in the morning and daytime stimulates alertness and productivity, closely mimicking daylight conditions. In the evening, transitioning to warmer tones (2700–3000K) promotes relaxation and prepares the body for restful sleep. This adaptability is particularly beneficial in modern households, where natural light exposure may be limited and open plan spaces need to be tailored to multiple uses.

Functionality and Versatility

Tuneable white systems enhance the functionality of multipurpose spaces. For instance, a kitchen may require cooler light during meal preparation for optimal visibility, while a warmer tone may create a more inviting atmosphere during casual dining. In living rooms or home offices, adjustable lighting supports various activities, from task-oriented work to leisurely relaxation, all within a single luminaire.

Energy Efficiency and Integration

Integrated into energy-efficient LED platforms, tuneable white lighting reduces energy consumption while providing superior control. Advanced smart systems enable users to adjust settings manually or automate them through preprogrammed schedules or sensors, further optimizing energy use and convenience.

Aesthetic and Psychological Benefits

The ability to customise light colour contributes to interior aesthetics, accentuating decor and creating desired moods. Moreover, the psychological impact of adaptive lighting enhances overall well-being by fostering comfort and productivity.

FOS Lighting curates a number of brands that provide tuneable white technology offering a sophisticated, energy-efficient solution for domestic lighting, seamlessly integrating functionality, aesthetics, and wellness into modern living environments.

Decorative Lighting

Lighting for Excitement

The adoption of RGB (Red, Green, Blue) and RGBW (Red, Green, Blue, White) lighting systems has gained traction in the design of modern apartment blocks, offering enhanced aesthetic appeal and functional versatility. These lighting technologies allow for dynamic color control, providing both decorative and practical benefits.

Aesthetic Enhancement

RGB lighting is commonly used to create vibrant color displays on building exteriors. Apartment blocks can utilise these systems to achieve striking visual effects, enhancing their nighttime appearance and making them stand out in urban landscapes. RGB lighting is particularly beneficial for highlighting architectural features, such as balconies, facades, or landscaped areas, with programmable lighting sequences for events or seasonal themes.
RGBW illumination goes a step further by incorporating a dedicated white light channel. This addition enables the creation of purer and more efficient white light, which is particularly useful for day-to-day functional lighting. The ability to switch between colorful displays and crisp white light offers a dual-purpose solution for buildings seeking to balance aesthetic flair with practical needs. Both options are available in High IP, and if required flexible form factors, to allow designs that follow the architectural features of the structure.

Energy Efficiency and Control

Both RGB and RGBW systems use energy-efficient LEDs, which consume less power compared to traditional lighting. Advanced control systems allow users to adjust brightness, color, and timing via apps or building management systems, reducing energy waste and optimizing usage based on requirements. A further layer of control can be introduced via the inclusion of sensor options ensuring that illumination adapts to human activity.

Community and Identity

Apartment blocks can use RGBW lighting to foster a sense of community. Color schemes can be tailored to reflect local events, holidays, or even individual unit preferences, adding a layer of personalization. These lighting systems also contribute to branding for luxury or high-profile residences.
FOS Lighting curates and manufactures a diverse range of RGB and RGBW capable luminaires suitable for all types of apartment applications.

Adaptive Illumination

Dim-to-Warm Technology in Domestic Illumination

Dim-to-warm lighting technology offers a more natural and adaptive lighting environment. This innovative LED-based system adjusts both the brightness and color temperature of the light, mimicking the behavior of traditional incandescent bulbs and providing a warm, inviting atmosphere as lights are dimmed.

Natural Lighting Transitions

When dimmed, dim-to-warm lights shift from cooler, daylight-like tones (3000–4000K) to warmer, amber tones (as low as 1800K). This replicates the setting sun, creating a calming and cozy environment. It also helps to align artificial illumination with the human circadian rhythm which has health and wellbeing benefits. This feature is useful in living rooms, bedrooms, and dining areas, where softer, warmer lighting enhances comfort and relaxation during the evening hours.

Improved Ambiance and Flexibility

Dim-to-warm technology allows homeowners to tailor their lighting to suit different moods and activities. Brighter, cooler light can be used for tasks requiring focus, such as reading, studying or cooking, while dimmed, warm light fosters a tranquil setting for relaxing. This flexibility makes it an ideal choice for multipurpose spaces, adapting seamlessly to changing needs.

Energy Efficiency and Longevity

As part of LED technology, dim-to-warm systems are highly energy-efficient. Their longer lifespan also reduces maintenance and replacement costs, aligning with modern sustainability and OpEx goals.

Enhanced Aesthetic Appeal

The warm glow of dim-to-warm lights enhances interior aesthetics, emphasising textures and colors in furnishings and decor. This makes it a favorite choice for designers aiming to create intimate, inviting spaces. It offers an unparalleled combination of comfort and control, elevating the ambiance of modern homes.

FOS Lighting manufactures downlights with dim to warm capability ideal for use in domestic environments.

Wireless Mesh

The development of wireless and mesh networking in lighting controls such as the Casambi ecosystem has revolutionised the field of building automation, enabling scalable, energy-efficient, and versatile lighting systems. Traditional wired systems, while reliable, often required extensive cabling infrastructure and were limited in adaptability. Wireless and mesh networking technologies have addressed these limitations, paving the way for intelligent lighting solutions and simplifying retrofitting existing buildings.

Wireless communication protocols such as Zigbee, Z-Wave, Bluetooth Mesh, and Thread have become key enablers in this domain. These protocols facilitate reliable communication between devices, allowing seamless integration of luminaires, sensors, and controllers. Each protocol offers unique advantages: for instance, Zigbee is widely adopted for its low power consumption and robust interoperability, while Bluetooth Mesh is preferred for its ability to support high device density and its compatibility with consumer devices like smartphones.

Mesh networking, in particular, has been a game-changer. In a mesh network, devices communicate with one another directly, creating a decentralised architecture. This topology enhances network resilience; even if a single device fails, data can be rerouted through other nodes. The self-healing nature of mesh networks ensures uninterrupted operation, making them ideal for large-scale deployments in commercial, dense domestic and industrial settings.

Moreover, advances in wireless security have strengthened the adoption of these technologies. Encryption, authentication, and over-the-air firmware updates ensure that lighting systems are protected against unauthorised access and cyber threats.

The integration of wireless and mesh networking with advanced control algorithms has enabled functionalities like daylight harvesting, occupancy-based dimming, and remote management through cloud platforms. These features not only enhance user experience but also contribute to significant energy savings and reduced operational costs.
As the Internet of Things (IoT) continues to evolve, wireless and mesh networking technologies in lighting controls are expected to further innovate, driving the development of smarter, more sustainable buildings.

DMX & BMS integration

The implementation of DMX (Digital Multiplex) controls in the lighting of apartment blocks represents a robust and flexible solution for modern building management systems. Originally designed for stage and theatrical lighting, DMX has been adapted for architectural and residential applications due to its precise control and scalability.

DMX operates as a digital protocol that transmits lighting control data over a serial communication link. Each DMX universe consists of 512 channels, with each channel controlling a single attribute, such as the intensity or color of a light fixture. This allows for intricate and granular lighting schemes, enabling apartment blocks to deploy dynamic lighting scenarios tailored to specific needs, such as common area ambience, safety lighting, and individual apartment customization in addition to active RGB scenes that can be achieved external to the structure.

In apartment blocks, DMX systems are typically centralised, with controllers interfacing with fixtures via DMX cables or over IP-based solutions such as Art-Net or sACN (Streaming Architecture for Control Networks). These hybrid setups offer the reliability of wired communication and the flexibility of networked protocols, ensuring compatibility with modern smart lighting ecosystems.

Key advantages:

- Precision Control: DMX supports real-time adjustments, allowing seamless transitions between lighting scenes.
- Scalability: Multiple universes can be managed to accommodate hundreds of fixtures across large apartment blocks.
- Integration: DMX systems can be integrated with other building management systems (BMS) for synchronised control of HVAC, security, and shading systems.

However, implementing DMX in residential settings also presents challenges, such as the need for specialised cabling and controllers, as well as potential interference when using wireless DMX solutions. To address these, robust planning and installation standards are critical.

With the increasing emphasis on energy efficiency and aesthetic flexibility in modern buildings, DMX controls offer a compelling solution for creating vibrant, responsive, and efficient lighting environments in apartment blocks.

A possible solution would be to run the public spaces and outside of an apartment block on a centralised DMX system controlled as part of the Building Management System while the individual apartments have Bluetooth Mesh Networks (Casambi) that deliver the flexibility required by the individual units occupants. FOS Lighting has the expertise to assist with the design of an optimal Management and Control system for a newbuild or retrofit apartment block to optimise functionality, flexibility and balance the impact of OpEx and CapEx considerations.

Image courtesy of: Securlite

Emergency Lighting

The implementation of emergency lighting systems in apartment blocks is a critical aspect of building safety, particularly in compliance with the ANZ2293 standard in Australasia. This code establishes performance, design, installation, and maintenance requirements for emergency escape lighting, exit signs, and standby lighting, ensuring occupant safety during power failures or emergencies.

Emergency lighting systems in apartment blocks are typically designed to provide illumination along escape routes, open areas, and high-risk task areas. Key components include self-contained luminaires, central or distributed battery systems that meet standards of duration, and monitoring units as well as testing of installations according to a prescribed schedule. The ANZ2293 code mandates specific performance criteria such as minimum illumination levels, uniformity ratios, and maximum allowable response times for emergency lighting activation.

One of the primary considerations in implementing emergency lighting is compliance with power supply requirements. Under ANZ2293, emergency lighting must operate independently of the primary power source, typically relying on battery backups or generator systems capable of sustaining illumination for a minimum of 90 minutes. Self-contained units are often favoured for their modularity and ease of maintenance, while central battery systems are preferred for their centralised control and scalability in larger apartment complexes.

Exit signs, an integral part of emergency lighting, must meet visibility and placement criteria outlined in the code. These include high-contrast lettering, non-reflective surfaces, and consistent illumination to ensure visibility from designated distances.

Modern advancements have enabled the integration of emergency lighting systems with building management systems (BMS), allowing for automated testing, real-time fault detection, and streamlined maintenance workflows. LED technology is widely used, offering benefits such as energy efficiency, low heat output, and extended lifespans, which align with sustainability goals.

Compliance with ANZ2293 ensures that emergency lighting systems not only meet regulatory requirements but also enhance the safety and resilience of apartment blocks, fostering confidence in building infrastructure and management practices. FOS Lighting is appointed as the sole distributor of RP Group emergency lighting in Australasia, one of Europe's pre-eminent vertically integrated emergency lighting manufacturers.

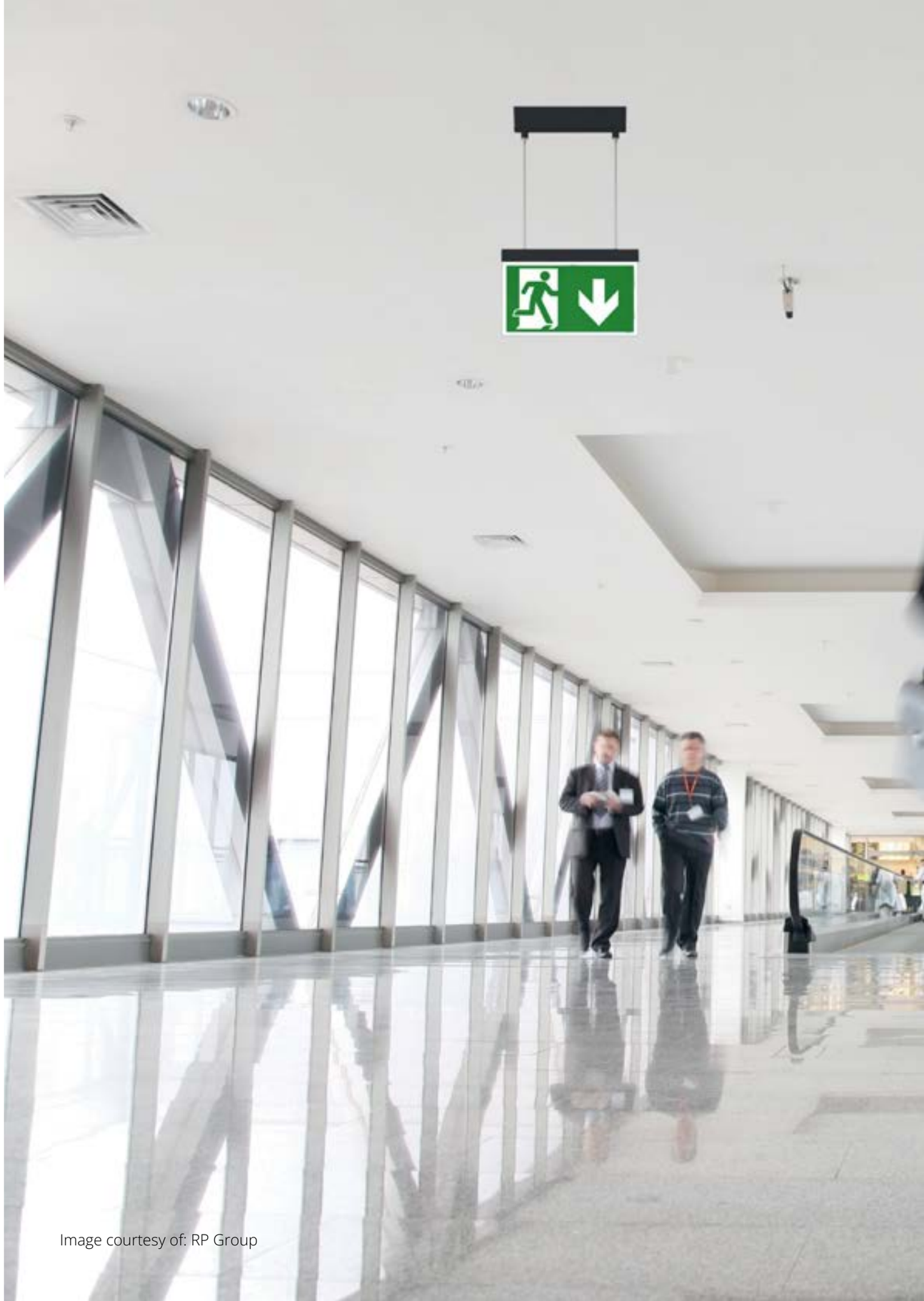


Image courtesy of: RP Group

Lobby

The Greeting

The front entrance of an apartment building is a key first impression for residents and visitors. Modern lobby design emphasises creating inviting, sophisticated, and multifunctional spaces.

Linear LED lighting has become a preferred solution due to its flexibility, energy efficiency, and minimalist aesthetic. Complementing this, high-CRI RGBW illumination offers dynamic color and temperature control, ensuring both stylistic appeal and functional adaptability.

A carefully chosen pendant light can provide a dual role as a focal point and a source of ambient illumination.

Image Credit: Luceplan

Accent Lighting

FORMALIGHTING
ZERO DUE 100

FORMALIGHTING
MOTO ZERO ZOOM 130 PRO

FORMALIGHTING
TIKTOK 75

FORMALIGHTING
MOTO ZERO PENDANT

FORMALIGHTING
MOTO ZERO ZOOM 66

FORMALIGHTING
ZERO PROJECTOR 85

Cove & Linear Illumination

FORMALIGHTING
MOTO FRONTELUCE PRO

VEKTA
V60/100

VEKTA
V60/140

FORMALIGHTING
MICROLINE SPOT CHAIN

VEKTA FLEX
VVB1717

FORMALIGHTING
COBRA FLEX LOUVRE

VEKTA FLEX
VHB1221

FORMALIGHTING
PUNCHLINE PRO

FORMALIGHTING
POLARIS 30 WALL WASHER

Emergency Lighting

RP GROUP
ILE

RP GROUP
KMU

RP GROUP
KAX

Ceiling Lighting

FORMALIGHTING
GALAXIS PRO 230

FORMALIGHTING
PUNTO 167 FIXED

FORMALIGHTING
COLOSSEO 120

FORMALIGHTING
TWIST DEEP ADJ.

FORMALIGHTING
RECESSED BULLET 127

JSB LIGHTING
REDMOON-D 900

Chandelier Lighting

AQUA CREATIONS
TOTEM

AQUA CREATIONS
CODE 130 BRANCH

AQUA CREATIONS
GRACE

LUCE PLAN
HOPE

AQUA CREATIONS
ZOID 1M

LUCE PLAN
MESH WIRELESS

Passage Lighting

Lighting the way

Effective lighting for passageways in apartment buildings requires a precise balance of functionality, energy efficiency, and aesthetic quality. Modern LED solutions incorporating RGBW technology and motion sensors provide a versatile approach, enhancing safety, reducing energy consumption, and promoting contemporary design elements.

Linear LED fixtures, typically integrated into walls or ceilings, deliver uniform, glare-free lighting that ensures optimal visibility. Recessed downlights offer a minimalist aesthetic, while surface-mounted fixtures can function as both decorative elements and sources of focused illumination for art or architectural details.

Motion sensors maximise the efficiency and functionality of LED lighting. Paired with timers, they dim lights during off-peak hours and activate full brightness only when needed, conserving energy and extending fixture lifespan.

FOS Lighting specialises in integrating these technologies, offering tailored solutions to enhance the safety, sustainability, and design appeal of your building's passageways.

Image Credit: Klik Systems

Wall Lighting

LUCEPLAN
LUTHIEN

LUCEPLAN
GARBI

LUCEPLAN
LADY COSTANZA WALL

LUCEPLAN
COSTANZINA WALL

LUCEPLAN
LOLA

VEKTA
V6060E

Emergency Lighting

RP GROUP
ILE

RP GROUP
KMU

RP GROUP
KAX

Ceiling Lighting

FORMALIGHTING
SPOTIFY 100 ADJ ROUND

FORMALIGHTING
MULTI ZERO 40 ADJ.

FORMALIGHTING
GALAXIS PRO 230

FORMALIGHTING
PUNTO 167 FIXED SQ

FORMALIGHTING
COLOSSEO 120

FORMALIGHTING
POLARIS 30 - 12

FORMALIGHTING
ZERO IN & OUT 40

FORMALIGHTING
TWIST DEEP ADJ.

FORMALIGHTING
RECESSED BULLET 127

JSB LIGHTING
REDMOON-D 900

Wayfinding Lighting

FORMALIGHTING
SCALA

ECOPOINT
STEP / NIGHT LIGHT

Linear / Cove Lighting

VEKTA
V1616CR

VEKTA
V1809

VEKTA
V3535

VEKTA
V60100R

VEKTA
V5070C

FORMALIGHTING
POLARIS 30 WALL WASHER

VEKTA
VVB1717F

VEKTA
VHB1121

VEKTA
VMB1818

Living Room

R & R at Home

Lighting profoundly influences circadian rhythms—the biological processes regulating our sleep-wake cycle. Aligning home lighting with natural light patterns promotes better sleep, improves mood, and enhances overall well-being.

Dim-to-warm and tunable white luminaires are cutting-edge solutions for circadian health. Dim-to-warm technology adjusts both brightness and color temperature: bright, cool tones energise during the day, while softer, amber hues in the evening help the body wind down.

Tunable white luminaires offer even greater precision, enabling users to customise color temperature throughout the day. Bright, cool white light supports daytime activities, while soft, warm light creates a calming atmosphere in the evening. This flexibility not only promotes circadian alignment but also enhances visual comfort, reduces eye strain, and fosters a soothing home environment.

By incorporating these technologies, living rooms become spaces that harmonise with natural rhythms, supporting better sleep, mood, and productivity. FOS Lighting offers an expertly curated range of products designed to integrate these innovative systems into modern homes.

Cove Lighting

VEKTA
V1616CR

VEKTA
V1809

VEKTA
V3640D

VEKTA
V3535C

VEKTA
VHB1221

VEKTA
VMB1818

FORMALIGHTING
MICROLINE 9X8 DOTLESS

FORMALIGHTING
MICROLINE FLEX

Ceiling Lighting

FORMALIGHTING
SOLO ROUND TRIM

FORMALIGHTING
ESPRESSO CONCAVE

FORMALIGHTING
ESPRESSO PINHOLE TRIM

FORMALIGHTING
PUNTO ADJ ROUND

FORMALIGHTING
PUNTO FIXED SQUARE

FORMALIGHTING
PUNTO 100 ASYMMETRIC

MEGABAY
ZIMANO ADJUSTABLE

FORMALIGHTING
ZERO DUE 40

Ornamental Down Lighting

FORMALIGHTING
PIXO PENDANT LV

FORMALIGHTING
PIXO SEMI RECESSED

FORMALIGHTING
PIXO RETRO 38 L 208

JSB LIGHTING
LX 26 PS55

JSB LIGHTING
NOVA - P XS

FORMALIGHTING
MOTO JOJO

Floor Lamp

LUCEPLAN
CONSTANZA FLOOR

TAL
ROSEAU

AQUA CREATIONS
MORNING GLORY

LUCEPLAN
TANGO

LUCEPLAN
LITA FLOOR

AQUA CREATIONS
TE FLOOR

Track Lights

FORMALIGHTING
TIKTOK 45

FORMALIGHTING
PIXO RETRO

FORMALIGHTING
TIKTOK ZOOM 58

FORMALIGHTING
ZERO 66 LOW VOLTAGE

FORMALIGHTING
ZERO DUE 130

FORMALIGHTING
ZERO FRAMER 38

Table Lamps

LUCEPLAN
BERENICE

LUCEPLAN
COSTANZINA

TAL
KALEBAS

LUCEPLAN
CURL

Dining Spaces

Security and Communication

Designing lighting for spaces that function as both fine dining venues and casual family hubs demands a balance of functionality, flexibility, and aesthetics. Effective lighting solutions enable seamless transitions between formal sophistication and everyday comfort, enhancing the space's adaptability and ambience.

A layered lighting strategy is essential for accommodating varied activities. Overhead fixtures, such as pendant lamps or chandeliers, provide general illumination and establish an elegant tone for formal dining. Dimmable options adjust brightness for casual or intimate settings. Task lighting, including under-cabinet LEDs or table lamps, supports activities like reading and food preparation. Accent lighting highlights architectural features or decor, adding depth and visual interest.

By integrating layered lighting, adjustable color temperature, and smart controls, spaces can transition seamlessly from elegant dining to relaxed family gatherings, maximizing utility and style. FOS Lighting offers a curated range of luminaires and smart systems tailored to ensure your spaces shine in every setting.

Image Credit: pexels.com, heyho

Ceiling Lighting

FORMALIGHTING
SOLO ROUND TRIM

FORMALIGHTING
PUNTO ADJ ROUND

FORMALIGHTING
SPOTIFY 76 CONCAVE

FORMALIGHTING
GALAXIS PRO 140 FIXED

FORMALIGHTING
PIXO 36

FORMALIGHTING
COLOSSEO 120

FORMALIGHTING
MONO

FORMALIGHTING
OVO ADJ 65

FREND LIGHTING
KATOE

Chandelier / Linear Pendant Style Lighting

FORMALIGHTING
PIXO PENDANT

AQUA CREATIONS
ROTINI

LUCEPLAN
MESH WIRELESS

LUCEPLAN
COMPENDIUM

VEKTA
V60100

AQUA CREATIONS
CODE 130° BRANCH

TAL
KING GEORGE

AQUA CREATIONS
5 PALMS

LUCEPLAN
FIENILE

VEKTA
V3535C

Pendant Lights

FORMALIGHTING
SPOTIFY 95 PENDANT

FORMALIGHTING
MOTO JOJO

JSB LIGHTING
LX 26 PS55

JSB LIGHTING
NOVA - P XS

Image Credit: pexels.com, Huy Quang Nguy

Cove Lighting

VEKTA
VMB1818

VEKTA
V1616CR

VEKTA
V2019

FORMALIGHTING
MICROLINE 7X7 CHAIN

VEKTA
V1819

FORMALIGHTING
MICROLINE 7X7 CORNER

Display Lighting

VEKTA
V1616CR

VEKTA
V1816

VEKTA
V1816R

FORMALIGHTING
FLAWLESS SYSTEM

Directional Illumination

FORMALIGHTING
IRIDE 62

FORMALIGHTING
FRAMER 38

FORMALIGHTING
ZERO DUE 40

FORMALIGHTING
TIKTOK SEMI RECESSED
35 TRIM

Office Space

Lighting for Productivity

Effective lighting is fundamental in-home office design, directly influencing productivity, visual comfort, and overall well-being. High Colour Rendering Index (CRI) lighting and tuneable white LEDs are pivotal innovations that ensure optimal functionality and adaptability for professional tasks.

A high CRI is particularly valuable for tasks requiring precision, such as design, drafting, or digital content creation, where true-to-life colour representation is critical.

For desk-level illumination, adjustable task lighting with tuneable white LEDs ensures localized, glare-free light for reading, writing, or screen work. Overhead fixtures with diffused tuneable white LEDs provide general ambient lighting, maintaining consistent illumination levels.

Pairing tuneable white LEDs with smart lighting systems allows users to pre-set lighting scenes for specific tasks, such as “Focus Mode” with bright, cool light or “Relax Mode” with dim, warm tones. Voice or app-based control enhances usability, ensuring quick adjustments without interrupting workflow.

By integrating high CRI and tuneable white LED solutions, home offices achieve a blend of technical excellence and ergonomic comfort.

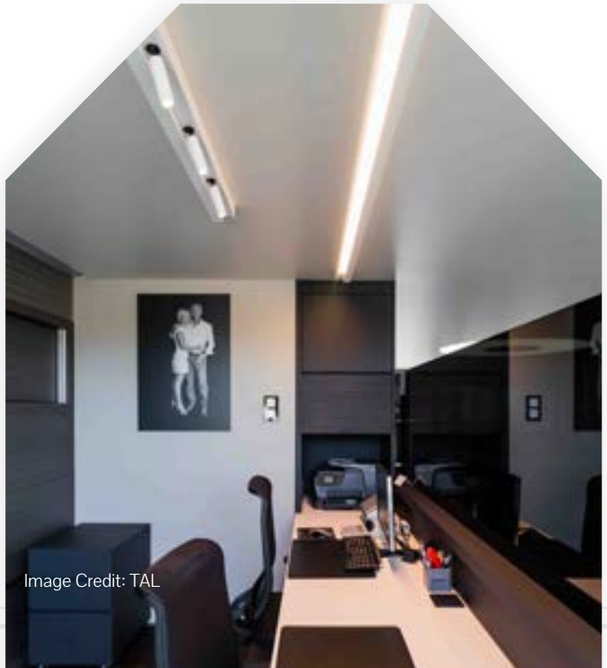


Image Credit: TAL

Spot Lighting


FORMALIGHTING
ZERO 33 LV


FORMALIGHTING
ZERO 66 LV


FORMALIGHTING
ZERO DUE 40


FOR MALIGHTING
ZERO 40 IN & OUT


FORMALIGHTING
IRIDE 62


FORMALIGHTING
TIKTOK 25 MICRO LV
TRACK


FORMALIGHTING
VIVO 35 MICRO LV TRACK

Wall Lights


LUCEPLAN
ZERO 33 LV


FREND LIGHTING
FREND WALL

Downlights


FORMALIGHTING
SOLO ROUND TRIM


FORMALIGHTING
MULTI ZERO 40 ADJ


FORMALIGHTING
LUMI 65 ADJ TRIM


FORMALIGHTING
INTENSO ROUND
ADJSTABLE TRIMLESS


FORMALIGHTING
ESPRESSO PINHOLE
WITH TRIM


FORMALIGHTING
ESPRESSO WALL
WASHER TRIMLESS


FORMALIGHTING
IRIDE


FORMALIGHTING
OCCHIO PIN


FORMALIGHTING
SPOTIFY 76 CONCAVE
ADJUSTABLE ROUND
TRIM


FORMALIGHTING
SPOTIFY CONCAVE
ADJUSTABLE SQUARE
TRIMLESS


Image Credit: TAL

Table Lamps


LUCEPLAN
OTTO WATT


LUCEPLAN
FORTEBRACCIO


LUCEPLAN
BERENICE


LUCEPLAN
ASCENT

Linear Illumination


VEKTA
V1809


VEKTA
V2215


VEKTA
V3640D


VEKTA
V4080


VEKTA
V5045RC


VEKTA
VVB1717


VEKTA
VHB1229


FORMALIGHTING
MICROLINE SPOT CHAIN


VEKTA
VMB1818


FORMALIGHTING
PUNCHLINE PRO

Entertainment

Lighting for Fun

Lighting is a critical element in defining the ambience and functionality of entertainment-oriented spaces such as a “man cave”. Whether the area is utilised for gaming, movie viewing, social gatherings, or personal relaxation, tailored lighting solutions enhance the experience.

Ambient lighting, such as dimmable recessed LEDs or smart ceiling fixtures, provides general illumination without overwhelming the space. Task lighting, including adjustable desk lamps or focused downlights, supports specific activities like gaming or reading. This combination ensures adaptable lighting tailored to the room’s diverse uses.

LED strip lighting adds both flair and practicality to an entertainment space. Installed behind screens, furniture, or shelving, these strips create an appealing backlight effect, enhancing visuals and reducing eye strain during prolonged activities. RGB or RGBW LED technology allows customizable color schemes, ranging from vibrant settings for social events to subdued tones for relaxation.

By combining functionality with creative design, tailored lighting transforms an entertainment space into a dynamic, personalised haven. FOS Lighting offers bespoke solutions to meet the exacting demands of such multifunctional environments.

Spot Lighting

FORMALIGHTING
VIVO 35 LV

FORMALIGHTING
VIVO 45 LV

FORMALIGHTING
ZERO DUE 40

FOR MALIGHTING
ZERO 66 IN & OUT

FORMALIGHTING
IRIDE 62

FORMALIGHTING
TIKTOK 25 MICRO LV TRACK

FORMALIGHTING
VIVO 35 MICRO LV TRACK

Downlights

FORMALIGHTING
SOLO ROUND TRIM

FORMALIGHTING
MULTI ZERO 40 ADJ

FORMALIGHTING
MONOLED

FORMALIGHTING
INTENSO ROUND ADJSTABLE TRIMLESS

FORMALIGHTING
MOTO RINO WITH BACKLIGHT TRIMLESS

FORMALIGHTING
VENUS 125 SQUARE WALL WASHER

FORMALIGHTING
IRIDE

FORMALIGHTING
OCCHIO PIN

FORMALIGHTING
SPOTIFY 77 SURFACE

FORMALIGHTING
SPOTIFY CONCAVE ADJUSTABLE SQUARE TRIMLESS

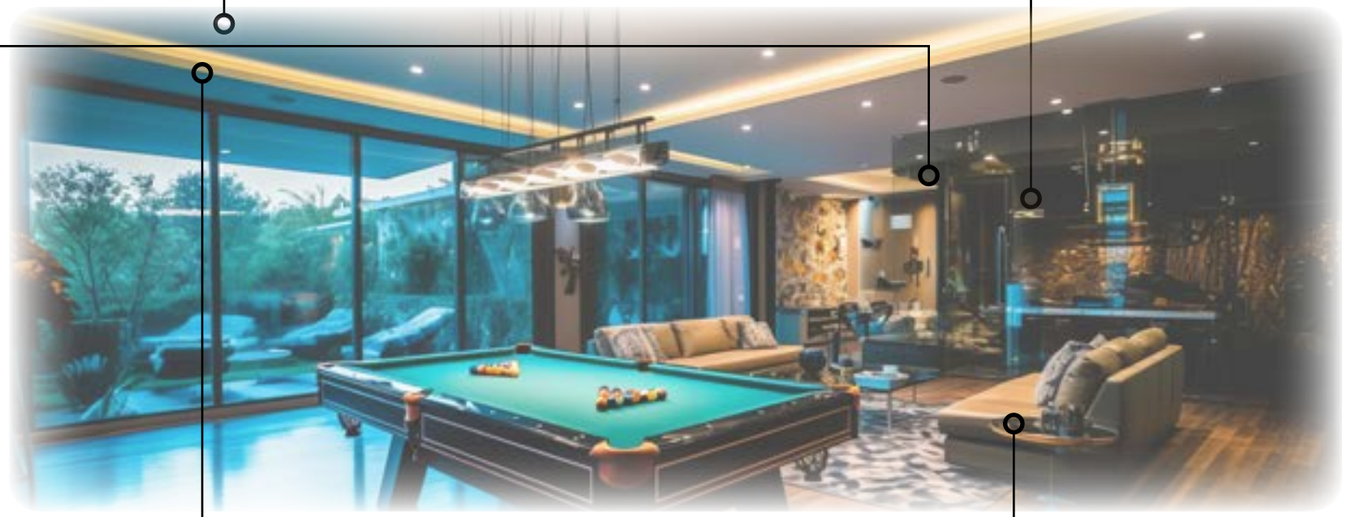
Shaped Illumination

FORMALIGHTING
ZERO 38 FRAMING PROJECTOR LV TRACK

FORMALIGHTING
ZERO 85 FRAMING PROJECTOR TRACK

FORMALIGHTING
ZERO 28 FRAMING PROJECTOR LV TRACK

FORMALIGHTING
ZERO 18 FRAMING PROJECTOR LV SURFACE



Linear/Cove Illumination

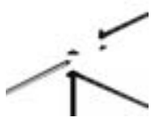
VEKTA
V1809

VEKTA
V2215

VEKTA
V3640D

VEKTA
V3535C

VEKTA
V3535RC



FORMALIGHTING
FLAWLESS SYSTEM

VEKTA
VHB1229

FORMALIGHTING
MICROLINE SPOT CHAIN

VEKTA
VMB1818

FORMALIGHTING
PUNCHLINE PRO

Table Lamps

LUCEPLAN
OTTO WATT

AQUA CREATIONS
96 MOLECULES

LUCEPLAN
BERENICE

AQUA CREATIONS
RIGUA

Bedrooms

Functionality and Comfort

Bedrooms are versatile spaces used for relaxation, reading, dressing, and more. Flexible lighting is essential to cater to these varied activities while maintaining a serene and cozy ambience.

A combination of ambient, task, and accent lighting provides the flexibility needed in a bedroom. Ambient lighting, such as ceiling-mounted fixtures or dimmable recessed lights, offers general illumination. Adding a dimmer allows for adjustments based on mood or time of day.

Task lighting is crucial for focused activities like reading or dressing/applying makeup. Bedside lamps with adjustable arms or wall-mounted reading lights provide directed illumination without disturbing a sleeping partner. For dressing areas, closets or mirrors lit with High CRI integrated LEDs ensure high colour reproduction, shadow-free lighting, making it easier to choose outfits or apply makeup.

By layering various light sources and incorporating dimming or smart controls, bedroom lighting can be tailored to support every need from reading a novel to preparing for the day—while preserving the tranquil essence of the space. FOS Lighting has the expertise and the products to ensure that your bedroom will be able to meet all your needs, always.

Wall Lamp

LUCEPLAN
LOLA WALL

LUCEPLAN
CONSTANZINA WALL

LUCEPLAN
GARBI D90

LUCEPLAN
COUNTERBALANCE

Table / Suspension Lamp

LUCEPLAN
CURL

LUCEPLAN
CONSTANZINA TABLE

LUCEPLAN
DOI

LUCEPLAN
ASCENT TABLE

LUCEPLAN
LITA TABLE 18 CM

TAL
KALEBAS

Floor Lamp

LUCEPLAN
CONSTANZA FLOOR

TAL
ROSEAU

LUCEPLAN
TANGO

LUCEPLAN
LITA FLOOR

Ceiling Lighting

FORMALIGHTING
SPOTIFY 76 CONCAVE ADJ ROUND TRIMLESS

FORMALIGHTING
MULTI ZERO 40

FORMALIGHTING
MOTO RINO TRIMLESS WITH BACKLIGHT

FORMALIGHTING
SOLO 112 ROUND TRIM

FORMALIGHTING
PUNTO 100 ASYMMETRIC ROUND TRIM

FORMALIGHTING
PUNTO 112 ASYMMETRIC ROUND TRIMLESS

FORMALIGHTING
LUMI 65 ADJUSTABLE

FORMALIGHTING
ESPRESSO PINHOLE TRIMLESS

FORMALIGHTING
IRIDE 62

FORMALIGHTING
SPOTIFY 76 ADJUSTABLE CONCAVE ROUND

Cove & Linear lighting

VEKTA
V1616CR

VEKTA
V1816

VEKTA
V0809

VEKTA
V1809

VEKTA
V3535RC

VEKTA
V1809R

VEKTA
VVB1010

VEKTA
VVB1414

VEKTA
VHB1010

VEKTA
VMB1818

Wet Rooms

Baths and Showers

LED illumination in bathrooms and wet rooms offers a blend of safety, functionality, and modern aesthetics. The use of IP68-rated linear LEDs, flexible linear LEDs, and downlights is particularly effective in these moisture-prone environments, where durability and ingress protection are paramount.

IP68-rated luminaires are designed for full protection against water and dust ingress, Linear LED strips provide continuous, uniform lighting. They can be installed beneath vanities, along niches, or around mirrors to create soft ambient lighting while ensuring robust performance in wet conditions.

Flexible linear LEDs bring versatility to bathroom designs by conforming to curves and irregular surfaces. These strips can be embedded in coves, along edges, or around tubs for decorative effects, offering both direct and indirect lighting options. With dimmable and tuneable white or RGBW (Red, Green, Blue, and White) capabilities, they allow for the creation of tailored lighting scenes, from functional task lighting to relaxing, spa-like atmospheres.

FOS Lighting curates a large variety of IP68 linear LEDs, flexible linear LEDs, and downlights. Allowing bathrooms and wet rooms to achieve both practical lighting and aesthetic appeal, ensuring safe, stylish, and efficient illumination in these challenging environments.

Ceiling Lighting

FORMALIGHTING
ROCKET 111 SURFACE

FORMALIGHTING
AQUALUCE ROUND IP54

FORMALIGHTING
OCCHIO SLOT ADJ IP44

ECOPOINT
COMPACT DOWNLIGHT IP54

FORMALIGHTING
MICRON ADJUSTABLE IP54

FORMALIGHTING
GIROLED FIXED IP44

FORMALIGHTING
MONOLED IP44

FORMALIGHTING
GALAXIS PRO 140 FIXED

FORMALIGHTING
OCCHIO PIN

FREND LIGHTING
FDL FLUSH

Wall Lighting

FREND LIGHTING
LANTA WALL

VEKTA
V60T

Cove & Linear Lighting

VEKTA
V3640D

VEKTA
V2215

VEKTA
V3535

VEKTA
VMB1515

YOUNGKONG
PENCIL

Green Spaces

At Home with Nature

The use of LED illumination in gardens and water features has become increasingly popular due to its energy efficiency, durability, and design versatility. When implementing LED lighting in these outdoor settings, it is worthwhile considering Dark Sky compliance and the creative possibilities of RGB (Red, Green, Blue) lighting technology.

Dark Sky compliance aims to minimise light pollution, preserving the natural nocturnal environment and enhancing visibility of the night sky. Motion sensors and timers can further enhance compliance by limiting illumination to when it is necessary.

Incorporating RGB technology in garden and water feature lighting introduces dynamic and customisable lighting effects. RGB LEDs allow for the mixing of red, green, and blue light to produce a broad spectrum of colours, enabling unique aesthetic applications such as highlighting plants, sculptures, or flowing water. DMX or Bluetooth controllers provide precise control over colour transitions, intensity, and timing, facilitating tailored lighting designs that enhance the landscape's natural beauty.

FOS Lighting via our Megabay subsidiary, in addition to other brands can provide exceptional landscape illumination that meet all your outdoor lighting requirements.

Image Credit: Youngkong

YOUNGKONG
WOODY

YOUNGKONG
THOR NANO

FORMALIGHTING
TERRALUCE 130

MEGABAY
ACCENTO A12

MEGABAY
OSIRION OS11

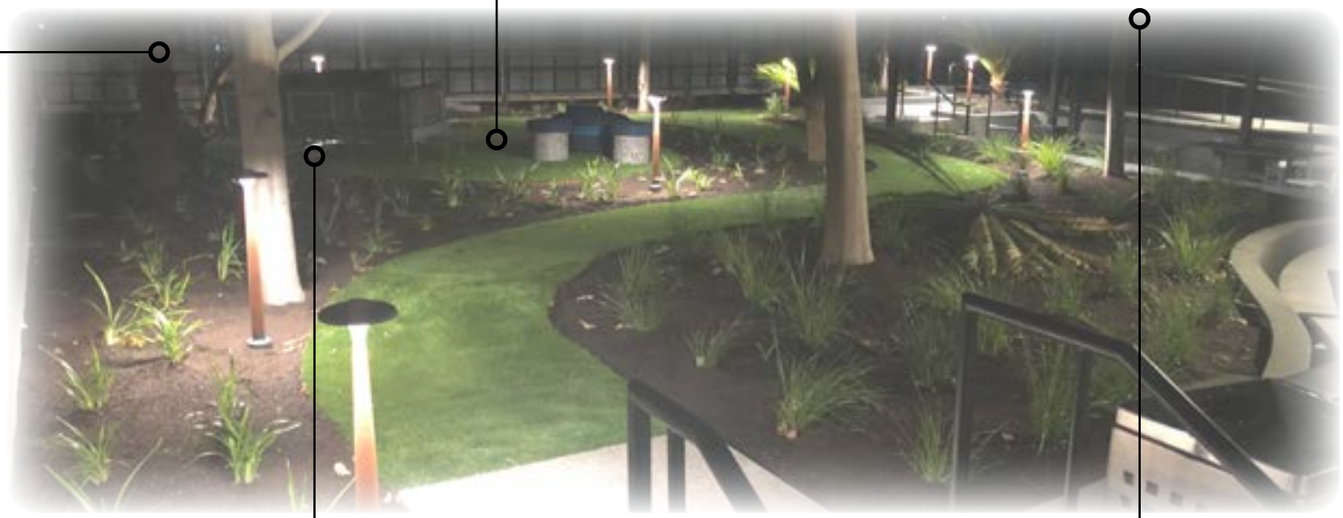
YOUNGKONG
FIRE

YOUNGKONG
LUKE

MEGABAY
OMNYX

MEGABAY
ECLIPSE

YOUNGKONG
OLIVER



Exterior Wall Illumination

MEGABAY
VIENTO

MEGABAY
CENTRI

FORMALIGHTING
ROCKET WALL 111

YOUNGKONG
BRICK

YOUNGKONG
ECLIPSE

YOUNGKONG
JAVA

FORMALIGHTING
GIRASOLED

SECURLITE
VIOLA ACCESS
ASYMMETRIC

LUCEPLAN
METROPOLI

Submersable

MEGABAY
AQUOVIS

MEGABAY
OMNYX

Outdoor Ceiling

SECURLITE
DUROPARK

FORMALIGHTING
COBRA PRO IP66

SECURLITE
OSMO

FREND LIGHTING
ELD - SM

FORMALIGHTING
BULLET 127 RECESSED

MEGABAY
ORBICA

SECURLITE
SYSTEO S

FREND LIGHTING
KATO AQUA

SECURLITE
SENSPOT

FORMALIGHTING
ROCKET 111 CEILING

Gymnasium

Working out inside

LED illumination in gymnasiums within apartment complexes is essential to creating an optimal environment for both residents and visitors. The integration of linear LEDs, spotlights, and downlights ensures adequate lighting levels, energy efficiency, and versatility to support diverse gym activities.

Linear LEDs are ideal for providing uniform, ambient lighting across large gym spaces. Suspended or recessed linear fixtures ensure even distribution of light, reducing shadows and enhancing visibility. This is particularly important for areas with equipment, as consistent illumination minimises safety risks and consequently exposure of the body corporate, while improving usability. High-output linear LEDs with colour temperatures ranging from 4000K to 5000K create a bright and energetic atmosphere conducive to workouts.

Spotlights are effective for highlighting specific areas within the gym, such as exercise zones, mirrors, or feature walls. Adjustable beam angles allow precise targeting, ensuring focused illumination for functional fitness spaces or personal training areas

FOS Lighting custom manufactures as well as represents a number of brands that are suitable for use in spaces such as gymnasiums in apartment complexes.

Track Spotlights

FORMALIGHTING
TIKTOK 75

FORMALIGHTING
ZERO COMPASSO 100

FORMALIGHTING
MOTO ZERO ZOOM

FORMALIGHTING
MOTO ZERO PENDANT

FORMALIGHTING
ZERO DUE

FORMALIGHTING
MOTO ZERO 100

Ceiling Lighting

FORMALIGHTING
PUNTO 167 FIXED SQUARE

FORMALIGHTING
GIROLED FIXED

FORMALIGHTING
LUMI 65 FIXED TRIM

FORMALIGHTING
OVO 90 ADJUSTABLE

FORMALIGHTING
SPOTIFY 76 ADJUSTABLE TRIM

FORMALIGHTING
SPOTIFY 76 CONCAVE ADJUSTABLE ROUND TRIMLESS

FORMALIGHTING
SPOTIFY 76 CONCAVE ADJUSTABLE SQUARE TRIM

FORMALIGHTING
GALAXIS PRO 200 FIXED

JSB LIGHTING
DOME 100

FORMALIGHTING
MULTI ZERO 40

Emergency Lighting

RP GROUP
ILE

RP GROUP
KMU

RP GROUP
KAX

Linear Illumination

VEKTA
V1816

VEKTA
V1816R

VEKTA
V5075C

VEKTA
VMBI1515

VEKTA
V60140

VEKTA
V60100R

VEKTA
V60T

FORMALIGHTING
PUNCHLINE PRO

Parking

Safety and access

Apartment complexes generally include underground parking spaces that require artificial illumination for wayfinding as well as suitable emergency lighting as a minimum. To assist with energy efficiency these spaces should have lighting that permits daylight harvesting (if suitable) in addition to occupancy and motion sensors.

This minimises waste and ensures that users can achieve safe wayfinding which minimises the possibility of legal exposure on the part of body corporates and other related legal entities.

FOS Lighting provides a range of luminaires that have on board sensors that permit independent operation, this ensures that illumination, even when there is a lack of occupancy will provide safe pathways at all time. Once a sensor has been triggered the rest of the luminaires will respond in a preprogrammed fashion.

In addition to the functional lighting, FOS Lighting can also provide emergency lighting that conforms to the requirements of ANZ2293.

Wall Lighting

SECURLITE
BANG

FREND LIGHTING
PRYSM S

SECULITE
EFFICE

FREND LIGHTING
MR BULKHEAD

SECURLITE
RONDINO

FREND LIGHTING
RCC

SECURLITE
OSMO

Signage

SECURLITE
FILA 2

Emergency Lighting

RP GROUP
QAW

RP GROUP
KMU

RP GROUP
KAX

FREND LIGHTING
STL MKII

Ceiling Illumination

SECURLITE
SYSTEO E

SECURLITE
SOFITE

SECURLITE
TITAN VIDEO

SECURLITE
OSMO

ECOPOINT
SKLEROS

FREND LIGHTING
ETW

ECOPOINT
AREA LIGHT G2

FREND LIGHTING
CWP

Projects

3 JAQUES AVENUE BONDI NSW

6-29 MELROSE PARADE - CLOVELLY - NSW

7 ROCKWALL CRES, POTTS POINT - NSW

8 MACLEAY ST POTTS POINT - NSW

8 SORRETT AVE MALVERN -VIC

12 MACLEAY ST, ELIZABETH BAY - NSW

21 YARRANABBE RD, DARLING POINT - NSW

47 DARGHAN STREET, GLEBE - NSW

99 SPRING ST APARTMENTS - VIC

112 SURREY ST DARLINGHURST - NSW

124 - 126 CAMPBELL PARADE BONDI - NSW

147-153 KURRABA RD, KURRABAPOINT - NSW

213 HEDGES AVENUE MERMAID BEACH - QLD

ALIGHT APARTMENTS - NSW

ANURA BTR APARTMENTS - QLD

CITY FITNESS BURNSIDE STUDIO - NZ

CITY FITNESS CAMBRIDGE PROJECT - NZ

CITYFITNESS FERRYMEAD - NZ

CITYFITNESS KAKANO - NZ

CITY FITNESS ROLLESTON PROJECT - NZ

CITYFITNESS SIMPLICITY LOWER HUTT - NZ

CITY FITNESS WESTGATE PROJECT - NZ

CF WHANGAPAROA - NZ

CURL CURL - NSW

ELEMENTS OF BYRON - NSW

ELIZABETH BAY GARDENS,ELIZABETH BAY - NSW

FEDERAL GOLF CLUB (FGC) - ACT

FIGTREE - NSW

FOUR PILLARS ESTATE - NZ

HAWTHORN HOUSE - VIC

HAYMANS BRISBANE AIRPORT - QLD

JOYCE WILDING HOSTEL - QLD

LE MÉRIDIEN MELBOURNE - VIC

LES MILLS CHCH - NZ

LIGHTHOUSE PROJECTS - NZ

LORIENT BY MOSAIC MAROOCHYDORE - QLD

MAASRA APARTMENTS - QLD

MERMAID WATERS - QLD

MICHAELS AVENUE STAGE 2 - NZ

NAUTIQUE APARTMENTSRUSHCUTTERS BAY - NSW

REXEL MAROOCHYDORE - QLD

PROXIMA APARTMENTS - NZ

QUAY APARTMENTS - QLD

ROSSMOYNE RESIDENCES - WA

ROYAL FLAGSTAFF APARTMENTS - VIC

SIGNATURE APARTMENTS - QLD

THE HARRINGTON - SA

THE YORSTON - ELSTERNWICK - VIC

FOS
lighting

info@foslighting.com.au
foslighting.com.au
1300 241 087