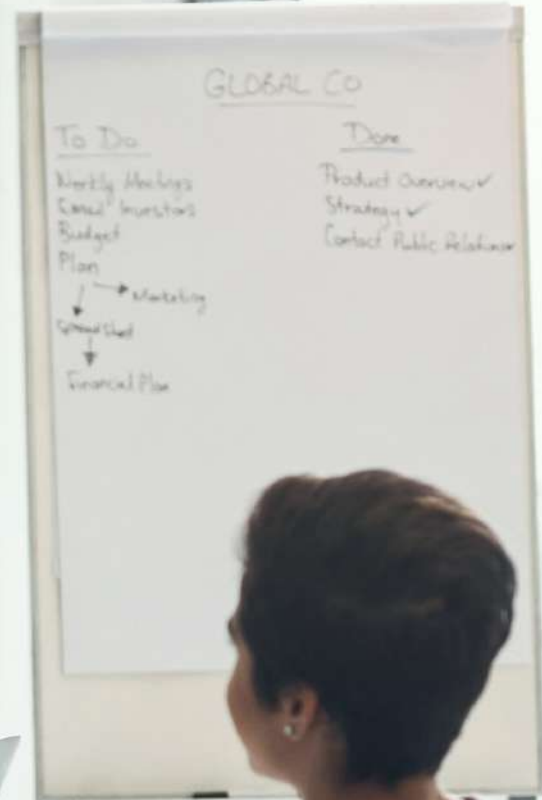




Designed to Deliver



COMMERCIAL BROCHURE



BRIGHT IDEAS: LIGHTING FOR COMMERCIAL SPACES

When it comes to creating a productive and inviting commercial space, effective lighting plays a crucial role. Shaping ambiance and atmosphere, it also boosts productivity and well-being, improving morale for a more positive work environment.



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Effective Illumination

Smart lighting systems are ideal for the healthcare environment, providing practitioners with a superior level of control to meet diverse lighting needs.

With many of today's workplaces being multi-use in nature, lighting needs to cater to a diverse range of activities and technologies. Whether it's collaborative team meetings, individual focused work, presentations or virtual conferences, the lighting environment needs to be adaptable to support the varying needs of the modern workspace.

At Ansell Lighting we are experts in how lighting can influence design, wellbeing and productivity, specialising in creating lighting solutions that optimise the working environment, therefore promoting employee satisfaction, engagement, and overall performance.

Boosting Success

At its most basic level, lighting in commercial settings is required to provide illumination for tasks to be carried out and buildings navigated safely, however its impact extends far beyond this basic functionality.

Lighting also plays a huge role in the health, wellbeing and productivity of employees and other visitors. Installations should achieve low levels of glare, helping to reduce headaches and eye strain, and incorporate features such as controllable CCT, dimming and tunability. Changes in colour temperature and tone can influence mood and productivity, with cooler lighting promoting alertness and focus, whilst warmer tones foster creativity and problem-solving abilities.



UGR - Unified Glare Rating

Glare is an important consideration when lighting commercial spaces where visual comfort is essential. Products with low UGR ratings are essential to ensure that occupants can work comfortably.

However, simply installing products with a low UGR is not enough. In-room calculations are required to assess the combined effect of multiple luminaires within the space so that designers can adjust the lighting design accordingly.



Luminous Design

Lighting is a key element of architectural and interior design and can transform the aesthetic appeal of commercial spaces. Used effectively it can create focal points, emphasise key features and design elements to create ambiance and appeal.



Net Zero

Considering almost 40% of all energy used in commercial buildings in the UK is for lighting, it has an important part to play in the journey to net zero.

Implementing energy-efficient lighting solutions, such as LED technologies and smart lighting controls, can substantially reduce energy consumption and carbon emissions in commercial buildings, contributing to sustainability goals and the overall reduction of environmental impact.



WHY ANSELL?

A recognised market leader in the design and manufacture of high-quality luminaires, our comprehensive range of commercial lighting products are designed to deliver exceptional quality, easy installation, low energy use and optimum control.

A trusted partner for specifiers, architects and contractors, we have worked on some of the most prestigious installations in the world, providing product and expert design support to customers far and wide.

Our unwavering commitment to innovation and quality over the last 30 years has been acknowledged with more than 40 respected awards, including the prestigious King's Award for Enterprise for Innovation, which we were awarded in June 2023.

This commitment to in-house design innovation, product quality and reliability is matched by our dedication to deliver outstanding customer service and expert after-sales technical support. Our specialist technical and lighting design teams are here to provide guidance on projects of all sizes, on hand for what you need, whenever it is needed.



Responsible Manufacturing

As a responsible business and manufacturer, sustainability is at the heart of our operations and we are dedicated to achieving net zero and to helping our customers do the same.

We have made many changes to our operations to reflect this; maximising energy efficiency by installing our OCTO connected lighting system in as many parts of our own buildings as possible, fitting solar panels, and switching all company and staff cars to either hybrid or fully electric.

On our assembly lines in the UK, we have made great efforts to be waste neutral and work with like-minded suppliers who offer us sustainable solutions, including no single use plastic waste and fully recyclable packaging. We recycle as much as we can including spare parts, paper and cardboard.

The majority of our products are now packaged in unbleached, fully recycled and recyclable brown cardboard, which has eradicated the use of five million single use plastic bags per year. Fixing kits are also supplied in small paper bags, with biodegradable paper protecting the products.

Design



Testing



Designed to Deliver

Our design team combines comprehensive product knowledge, technical experience and creative talent to deliver the perfect solution for interior and exterior project applications, every time.

Factoring in the knowledge and experience of electrical contractors at the development stage, we ensure that, through educated design, installation, wiring, maintenance and servicing of our products is swift and easy; making our products the professionals' choice. Our customers come back to us time and again because they are confident they will get the products they want, when they want them. This includes next-day delivery and same day collection as standard

Manufacture



Assembly





SMART LIGHTING

Smart lighting is a game-changer in commercial premises. Meeting the demands of the modern, multifunctional and adaptive workplace, it allows lighting to be easily configured and altered, ensuring better comfort and wellbeing to meet the changing needs of its users.

OCTO Powered by Casambi is our comprehensive smart lighting system for commercial buildings. With wireless technology integrated into each light fitting, it allows a lighting network that is entirely automated and customisable to be created. From the timings of operation to the colour, brightness, intensity and combination of luminaires in use,

OCTO enables settings to be controlled to the most minute detail, providing the high level of functionality needed to adapt to changing occupancy patterns and hybrid working.

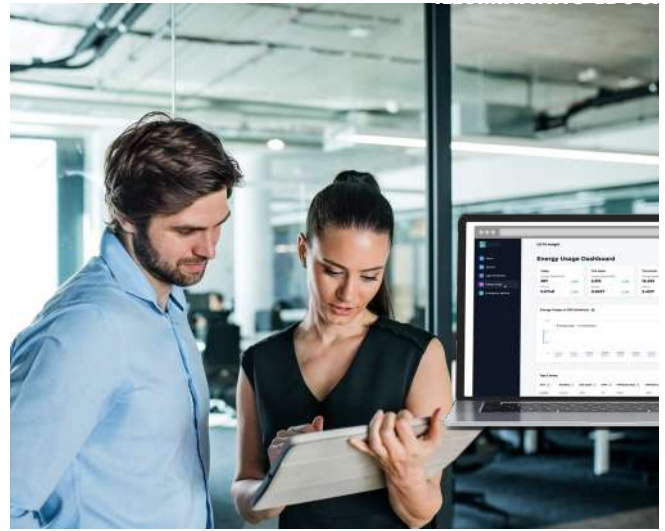
Available for both internal and external lighting circuits, OCTO can be used throughout the building portfolio, illuminating not only offices, meeting rooms and other internal spaces but building entrances, facades car parks and external walkways.

Workspaces of all sizes can be easily programmed and controlled. From just a single individual work station to entire open plan offices, luminaires can be linked together to create entirely bespoke schemes. The OCTO system can even be integrated with weather apps so that the colour of the lights will automatically adjust according to the weather outside.



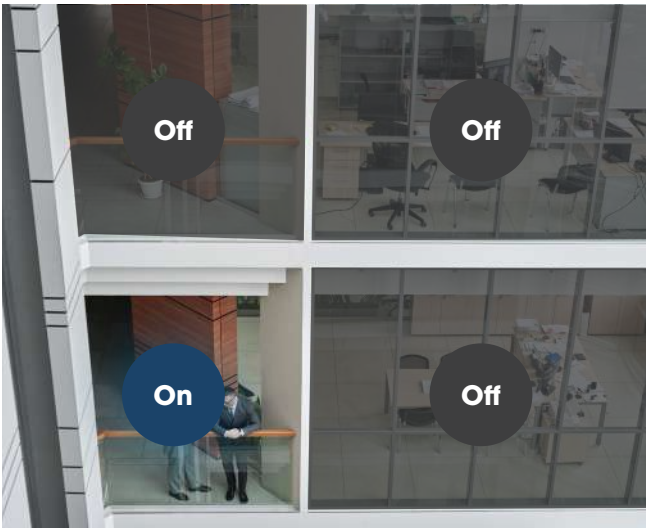
Improve Health and Wellbeing

Light is one of the biggest influences on circadian rhythm, the body's internal clock that regulates the sleep-wake cycle and governs overall wellbeing. By using OCTO to set 'scenes' to mimic the pattern of natural lighting indoors, circadian rhythm can be enhanced resulting in improved focus and productivity of staff during the day and helping them to experience fewer sleep disturbances at night.



Monitoring and Maintenance

OCTO is also of huge benefit when it comes to monitoring and maintenance. Automating and streamlining procedures, it allows for human resource to be redirected to more critical tasks, improving efficiency and maximizing performance. Additionally, OCTO provides real-time insights and diagnostics, enabling proactive maintenance to address issues before they escalate, further enhancing reliability and reducing overall operational costs.



Energy Efficient

OCTO systems are also hugely energy efficient, capable of cutting lighting energy use in commercial buildings by up to two thirds. Output optimisation ensures that energy is only consumed where and when it is needed whilst automation eliminates any reliance on human intervention; reducing the risk of users accidentally leaving the lights on and wasting energy. Alongside huge energy savings, these advanced lighting systems can also deliver substantial cost savings.



Installation

Incredibly easy to install and retrofit, OCTO systems operate wirelessly via Bluetooth and Wi-Fi and are controlled and hosted on the cloud, so there is no hub or wiring required. Fitting requires almost no downtime ensuring a quick and seamless transition to more efficient lighting.



EMERGENCY LIGHTING

Emergency lighting is a core consideration of lighting design in commercial buildings, helping to safeguard lives in critical situations or during power outages.

There are a host of laws and standards that apply to emergency lighting in commercial buildings in the UK including the Regulatory Reform (Fire Safety) Order 2005, The Health and Safety at Work Act, Building Regulations, The EU Workplace Directive, Fire Safety Regulations and the European Standard BS EN 1838. Navigating these requirements can be complex and so professional specification and support is essential.

Every building is different and the fittings required therefore vary, but emergency lighting designs usually require a combination of exit boxes, downlights, signs and bulkheads, dependent on whether it is an escape route, open area or task area.

Reliable power source is an important consideration in emergency lighting with pulse charging lithium battery technology the most favourable option. These are used in the majority of our products ensuring long lasting reliability

with most offering a five or six year battery life and warranty. Lithium batteries also have a lower parasitic load, which reduces power consumption and translates to lower costs and a reduced carbon footprint. They are also installed with protection to monitor against short circuit, over-charging and mechanical damage.

Self-test technology is also recommended wherever possible, easing maintenance, testing and reporting procedures. Our Guardian Bulkhead and Adler Exit signs, for example, incorporate intelligent self-test technology, automating the testing process for speedy and accurate maintenance.

For large and multi site commercial spaces, there is a growing need for automation when it comes to testing emergency lighting systems. OCTO Insight is a powerful tool which monitors, checks for faults, and provides data on emergency fittings throughout your network all from an online system. This allows you to monitor a number of fittings across your sites easily and quickly through one central database. Speak to our OCTO experts today to learn more.

LIGHTING DESIGN

Our complimentary in-house lighting design service is here to provide support for commercial lighting projects of all sizes, helping you to choose the right products and design.

Our fully LIA-qualified team begins with a thorough consultation to understand your lighting needs, resulting in a comprehensive proposal with design concepts, recommended products, 3D rendering, estimated costs and payback calculations.

The second stage offers recommendations of suitable product and lighting control solutions, additional support during installation and dedicated post-installation support, along with any revisions that are required.

We utilise the latest in 3D design engineering technology and photometric analysis software to ensure fast turnarounds come as standard. As does knowledge, creativity and a genuine commitment to deliver on the brief.



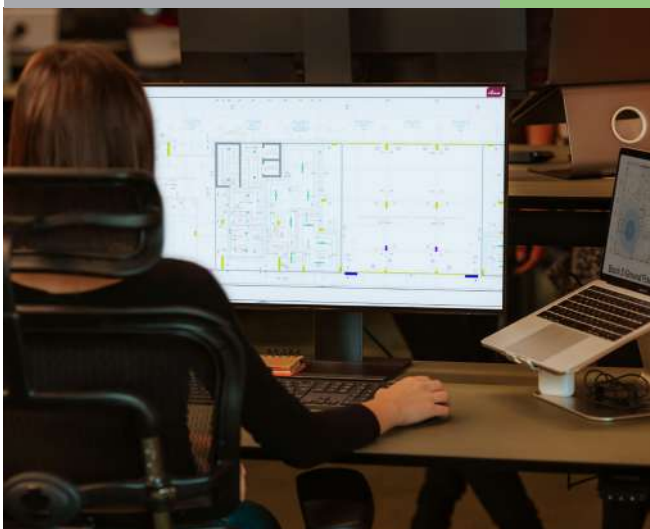
From plan...



to layout...



to render...



RELUX®

Ansell Lighting is a member of RELUX - the world-wide leading software application for professional light planning used by tens of thousands of lighting planners across the world.

We have ensured that you can access the complete range of Ansell product data online via the RELUX website to find the very best lighting solution.

Our designers are also DIALux trained and can provide lighting designs using this software, providing you with a layouts visualising the lighting for both indoors and outdoors, whether it is a single room or an entire building.

RADIANT RECEPTION

First impressions count, which is why it is important that lighting in entrance and reception areas hits the right tone. This space should have a lasting impression on visitors, and feel welcoming, contributing to the overall aesthetic appeal of the space.

It is likely that a great deal of attention will have been given to the interior design of an entrance and reception space, ensuring it has the 'wow' factor. Lighting design should work to complement this, highlighting key elements such as furniture, furnishings and artworks.

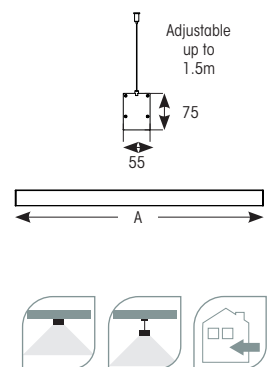
Suspended lighting, such as Vasco, Kala and Deco High/Low Bay, are all great options for use, not only providing practical illumination but also a striking visual statement.

When designing lighting for entrance and reception areas, it is crucial to take into account the availability of natural daylight.

Natural light will not only affect the overall ambiance and atmosphere of the space but also contributes to its warmth and vitality. Careful consideration of the interplay between artificial lighting and daylight, will ensure a welcoming and visually appealing environment.

The use of adjustable lighting fixtures will help to ensure consistent levels of illumination throughout the day as natural light changes. It is recommended that 200 lux is achieved in general entrance spaces whilst areas such as reception desks may require higher levels of around 300 lux. Effective glare control is also important with a Unified Glare Rating (UGR) of 22 or lower specified.

Dimensions



IP20

Vasco

The Vasco LED commercial linear is suitable for use in commercial environments



Selectable CCT between 3000K and 4000K



Emergency and OCTO smart control options available



Supplied bi-directional light output as standard with 30% upward light and 70% downward light ratio

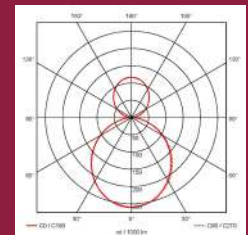


Scan here for Vasco details



Lighting Criteria

Entrance:
100 lux
Reception Areas:
300 lux



Also available with these options:

- Emergency
- Self-Test Emergency
- OCTO Smart Control

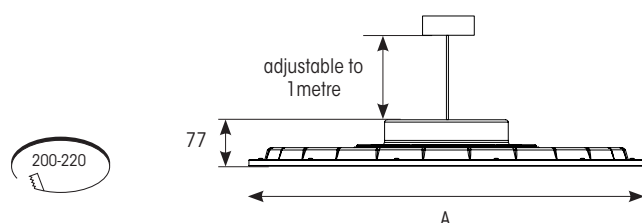


Kala

- Architectural circular LED pendant with die-cast housing suitable for residential, hospitality and commercial applications
- CCT selectable between 3000K, 4000K and 6500K
- Intelligent 2 part construction separates pendant head from suspension, surface and recessing mounting kit accessories (sold separately) ensuring maximum versatility for a diverse range of installation applications
- Suspension kit includes ceiling rose, ensuring a quick and easy installation
- TPa diffuser as standard
- Triac dimmable as standard
- Please note a suspension kit accessory or surface and recessing kit accessory are required for installation



Powered by
CASAMB



Surface mounted

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-10°C to 45°C	L80 50,000	80	6	110°	3	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A
AKAL1/1	400mm - CCT Selectable	25W	3000/4000/6500K	2800lm (4000K)	110lm/W	28	400mm
AKAL2/1	600mm - CCT Selectable	40W	3000/4000/6500K	4800lm (4000K)	120lm/W	28	600mm

CODE (ACCESSORIES)	DESCRIPTION
AKSK1/1	400mm Suspension Kit (with driver)
AKSK2/1	600mm Suspension Kit (with driver)

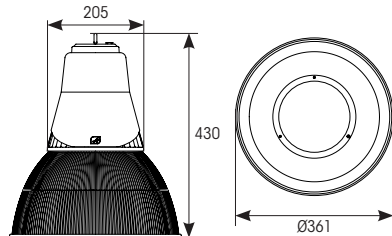
CODE (ACCESSORIES)	DESCRIPTION
AKSR1/1	400mm Surface and Recessed Kit (with driver)
AKSR2/1	600mm Surface and Recessed Kit (with driver)

Deco High Bay

- Decorative modern LED CCT selectable pendant suitable for industrial, commercial and retail applications
- Supplied with either polycarbonate refractor or aluminium reflector
- Matt grey textured powder coated finish



Powered by
CASAMB



Aluminium reflector

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 25°C	L70 54,000	80	5	65°	1	IP20	IP06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ADHBLED1/PC	CCT Selectable - c/w PC Refractor	40W	3000/4000K	4600lm (4000K)	116lm/W
ADHBLED2/PC		96W		10500lm (4000K)	
ADHBLED1/ALU	CCT Selectable - c/w Aluminium Reflector	40W		4600lm (4000K)	112lm/W
ADHBLED2/ALU		96W		10500lm (4000K)	119lm/W

CODE (ACCESSORIES)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3)

CODE (ACCESSORIES)	DESCRIPTION
ADHBLED/PC/BC	PC Bottom Cover (360mm)
ADHBLED/SK	Suspension Kit



OPEN PLAN OFFICES



In a bustling open plan office effective lighting design is essential, helping to improve productivity, performance and the brain's ability to focus. By their very nature, open plan offices are multi-functional areas and installations must, therefore, be versatile and dynamic, offering customisable control to cater to the differing range of tasks taking place, whilst also delivering visual comfort and enhancing the overall aesthetic of the space.

Installations that provide one common level of lighting are not a suitable option. Instead, the emphasis should be on creating low-glare solutions that are highly controllable and can deliver varying hues, CCT and lux levels. 300 lux is required where screen-based tasks are being carried whilst 500 lux is recommended where activity is paper based.

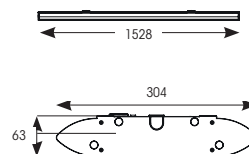
Linear fittings, such as Adrina, work well, offering bi-directional output, CCT selectivity and <UGR19. The option of

surface or suspension mounting provides additional flexibility, enabling you to achieve required design aesthetics. Vasco is another great option which can also be track mounted for integration into any design scheme.

Glare avoidance should also be a key consideration in any workspace, ensuring optimum visual comfort to reduce eye strain and prevent headaches. This makes recessed fittings, such as Juno, another ideal option. Offering dual direct/indirect output, it provides the perfect combination for task and ambient lighting from one source, whilst its micro-prism diffuser design ensures reduced glare and visual comfort.

Opting for OCTO compatible options will further enhance any installation, offering the extensive added control and automation benefits of a smart lighting system.

Dimensions



IP20

Adrina

Bi-directional suspended pendant suitable for open plan offices



Slimline design allows for installation into bi-directional light output as standard



Selectable CCT between 3000K and 4000K



Continuous linking connections available



Adrina fitted with suspension kit

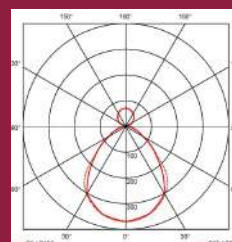
Scan here for Adrina details



Powered by CASAMBI

Lighting Criteria

Open Plan Offices:
300/500 lux



The Adrina is available with the following options:

- 1500mm CCT Selectable
- 1500mm CCT Selectable High Output
- Self-Test Emergency, OCTO Smart Control, Digital Dimming options available. Suspension, surface and continuous linking kits available.

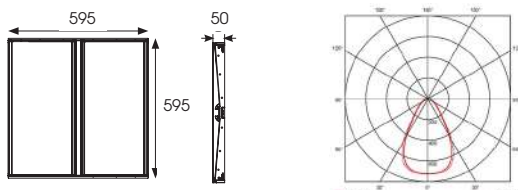


Juno

- Architectural LED recessed modular
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Dual direct / indirect output. Direct from the centre micro-prism centre line coupled with indirect output from the side diffuser sections. Providing a perfect combination for task and ambient lighting from one source
- Black polycarbonate micro reflector low glare design
- Micro-prism diffuser design ensures reduced glare and visual comfort
- OCTO compatible tunable white version available with CCT selection between 2700K-5000K ideal for any Human Centric Lighting requirements
- Powered by Tridonic
- TPa as standard



Powered by
CASAMB



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-10°C to 45°C	L70 54,000	80	6	70°	2	IP40

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
AJUN/1	600 x 600 - Cool White	20W-36W	3000K/4000K/6500K	2500lm - 4400lm (4000K)	125lm/W (4000K)	18
AJUN/1/TW/OCTO	600 x 600 - Tunable White		2700K - 5000K	4100lm - 4200lm (3000K-6500K)		

*UGR Value based on (4H - 8H)

CODE (ACCESSORIES)	DESCRIPTION
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)

OFFICE LIGHTING



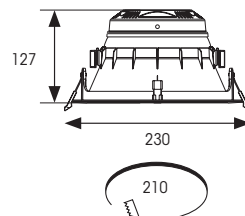
In cellular offices individuals are seated in small groups, usually arranged by task. With a keen focus on teamwork and collaboration, lighting design should encourage productivity and offer acute controllability to ensure differing needs are met.

Dependent on the function of the workplace and the overall aesthetic desired, a range of fittings are suitable for use in cellular offices. Stylish linear fittings, such as Humber are ideal, as are recessed modular lights, such as Volo, as they can be positioned above each space as required.

Both options also offer uniform illumination with optimum glare control thanks to specially designed optics and offer a range of CCT, dimmable and OCTO options facilitating complete customisation.

Downlighting, such as Comfort Evo, is also an ideal choice for cellular spaces. Easily positioned above each work area, it features a deep, cut-off angle for glare control, offers 4000K CCT and dimmable options supporting employee comfort and wellbeing, fostering a conducive work environment for success.

Dimensions



IP44

Comfort EVO

The Comfort EVO is suitable for cellular offices

UGR

UGR<19 compliant luminaire
suitable for most internal spaces



OCTO

Dimming,
emergency and
OCTO smart control
options available



TUNABLE
WHITE

OCTO compatible tunable white
version available with CCT selection
between 2700K-5000K



Selectable
CCT

Selectable CCT between
3000K and 4000K



5

YEAR

WARRANTY



Scan here for
Comfort EVO details



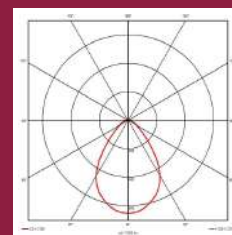
OCTO
Embedded

Powered by
CASA MBI



Lighting Criteria

Cellular Offices:
300/500 lux



Also available with these options:

- DALI Emergency
- Digital Dimming (DD1/DD3/DD4)
- OCTO Smart Control

MEETING ROOMS



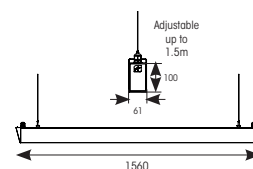
From formal board meetings to creative collaborations, virtual meetings and training sessions, in today's world meeting rooms serve a multitude of purposes. Lighting design must, therefore, be highly adaptive, catering to the frequently changing use of these spaces.

When designing lighting for meeting rooms there are many practicalities to consider. The first, is the illumination of individuals. Whether presenting to the room or when speaking through screens, it is essential that colleagues can be seen clearly. Additionally, controlling glare on TV/projector screens must also be considered, with lighting designed to prevent reflections for optimal visibility.

Bi-directional fittings, such as Otto EVO, are a great choice, as are dual output recessed modular fittings, such as Juno, which is also <UGR19 rated and CCT selectable. Carefully positioned low glare downlighting is also a suitable option for a meeting space. Vantage UGR19 for example has a deep cut-off angle providing optimal visual comfort for meeting participants.

Ensuring consistent lighting levels across meeting room spaces is crucial and fixtures should offer a good level of customisation, allowing users to adjust brightness levels and create a productive atmosphere for various tasks and activities. Integrating an OCTO smart lighting system will help to further improve settings and control.

Dimensions



IP20

Otto Evo

The Otto Evo is suitable for use in meeting room environments



Adjustable bracket system allows complete flexibility for mounting installation



Dimming, emergency and OCTO smart control options available



CCT Selectable between 3000K and 4000K



Die-Cast aluminium end caps



5

YEAR

WARRANTY

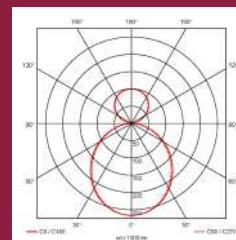


Scan here for Otto Evo details



Lighting Criteria

Meeting Room:
300/500 lux



The Otto Evo is available with the following options:

- DALI Emergency
- OCTO Smart Control
- Digital Dimming (DD1/DD3/DD4)
- Microwave Sensor
- Corridor Function

CORRIDORS WITH CHARACTER

Guiding colleagues, clients and other associates from one area to another, corridor and circulation spaces are important within commercial buildings.

Here, above all else, safety is paramount, with clear, uniform visibility essential to prevent accidents and ensure smooth navigation. Low glare downlights, such as Comfort EVO, are a great option. <UGR19 rated they provide visual comfort whilst also offering a range of design choices including different trim accessories, selectable CCT and power output as well as emergency, OCTO and dimmable options.

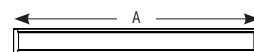
When designing corridor lighting schemes, it is also important to consider the difference in lighting levels as users move between main areas and corridor spaces. Achieving a good balance between the two will help to enhance the overall visual comfort and usability of the space.

Lighting design should achieve uniform illumination and minimal glare, meeting recommended illumination standards of 100 lux at floor level and a UGR of 25 or less.

Thought should also be given to creating visual interest in corridor areas. Wall-mounted fixtures, linear lights, or recessed luminaires are ideal for highlighting architectural elements and adding character to the environment.

Our Vasco linear, for example, can be surface, suspended or track mounted, allowing for installation along walls, ceilings or on overhead structures, providing effective illumination whilst also creating interest and visual impact. Recessed linear lights, such as Blade, are another fantastic option, perfect for continuous installation they can be arranged to create a seamless line of light, generating a modern and sleek appearance.

Dimensions



A
615mm 1208mm 1505mm



IP40

Blade Recessed Linear

The Blade linear is suitable for corridor application



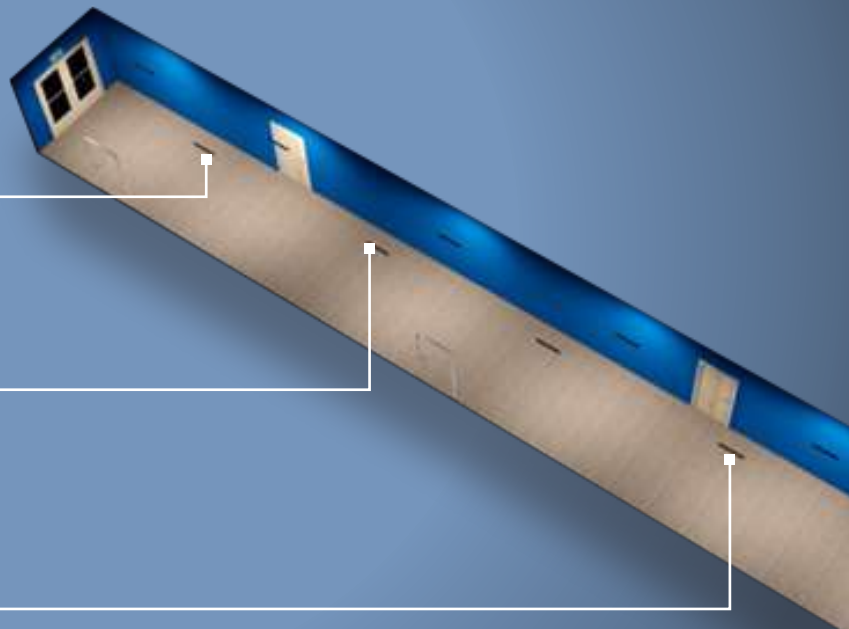
OCTO smart control
options available



Selectable CCT between
3000K, 4000K and 5000K



Perfect for recessed continuous
installation to create a seamless
line of light when using connector
accessories and the roll-on diffuser



Scan here for
Blade details

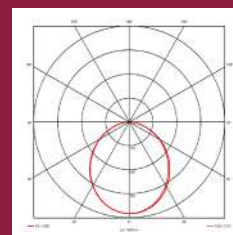


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CASAMBI



Lighting Criteria

Circulation:
100 lux at floor



Also available with these options: • OCTO Smart Control

BREAKOUT AREAS



Offering colleagues a space to unwind and recharge away from their desks, break out areas require lighting design that is both functional and welcoming, promoting wellbeing and a sense of relaxation.

Here, the focus is on creating an environment that individuals are drawn to; with an inviting, engaging ambience that helps to ease stress levels. Breakout areas may also be used for alternative purposes such as informal meetings or brainstorming sessions so lighting installations should offer flexibility and adaptability to meet these varying needs.

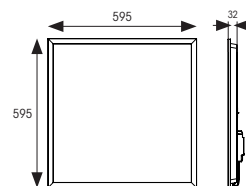
Modular lights, such as Pace, which is UGR<19 compliant, CCT selectable and available with a range of high-control options including dimming and OCTO are ideal and offer the flexibility required. Used with our King's Award winning Panel Pod, Pace can also be

instantly converted to an emergency light, forming part of the space's emergency lighting installation if required.

Surface mounted downlights are another great option that also add a decorative element. Our Comfort EVO surface mounted fittings tick all of the boxes when it comes to glare control whilst also allowing for the adjustment of lighting levels and CCT, enabling users to create the perfect atmosphere for any activity.

The importance of lighting in break out spaces cannot be underestimated. Creating an environment where employees can recharge, connect, and find inspiration will ultimately lead to increased productivity, improved morale, and a more positive work environment.

Dimensions



IP40

Pace

The PACE LED backlit panels are suitable for use in education environments



Slimline design allows for installation into shallow ceiling voids



Dimming, emergency and OCTO smart control options available



Self-Test Panel Pod and Sensor Pod compatible offering easily installed, retrospective emergency lighting



The Pace is TPa as standard and is available in three sizes 600mm x 600mm, 1200mm x 600mm, 1200mm x 300mm and in three colour temperature options, warm white, cool white and daylight



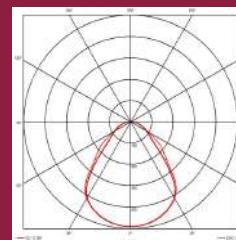
Scan here for Pace details



Powered by CASAMBI

Lighting Criteria

Breakout Area:
300 lux



The Pace is available with the following options:

- DALI Emergency
- OCTO Smart Control
- Digital Dimming (DD1/DD3/DD4)



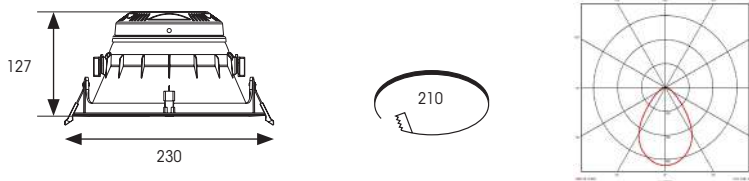


Comfort EVO

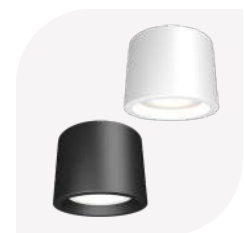
- Economic high performance CCT selectable IP44 downlight suitable for commercial and healthcare applications
- Intelligent and eco-friendly 3 part design allows end user the choice of either black or white reflector and trim accessories to add to the downlight (ACOM*/1), offering great customisation and product upgradability
- Deep cut-off angle for glare control and comfort
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Downlight design allows installation into existing hole cut-outs of 210mm
- Anti-Ligature kit available for installation in secure environments such as healthcare and educational facilities
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- Dimmable and Emergency options, standard and Self-Test Emergency available using the Hawk Kit Emergency Pack



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CASAMBA



Fitted with black trim and diffuser



Surface mounted Comfort EVO also available

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L80 60,000	80	3	80°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
ACOM1/1	CCT Selectable	7W/13W	3000/4000K	1000lm - 1800lm (4000K)	130lm/W (4000K)	23
ACOM2/1	CCT Selectable	17W/21W		2300lm - 2800lm (4000K)		

CODE (ACCESSORIES)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
ACOM/TR/W/1	Reflector and Trim White
ACOM/TR/B/1	Reflector and Trim Black
AARXDLK/1	Downlight Anti-Ligature Kit
AARXDLK/1	Maintained/Non-maintained - Universal Emergency Pack

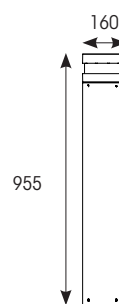
CAR PARKS / OUTDOOR LIGHTING

A range of different lighting solutions are often required in outdoor lighting schemes, with bollards, such as Avio, required to illuminate pathways and borders, durable weatherproof battens, such as Tornado EVO, required for walls or underground ceilings and robust streetlighting, such as Gabbro, for car parks and other large external spaces.

Alongside the robustness and durability of fittings, careful consideration should also be given to positioning and light distribution to minimise light pollution. Upward lighting should be minimal and illumination directed precisely where it's needed most—on the ground.

Embracing smart lighting control is also hugely beneficial in outdoor locations, offering numerous benefits beyond safety and sustainability. By optimising light levels based on occupancy, time of day, and environmental conditions, lower operating costs and reduced energy consumption can be achieved without sacrificing safety or security.

Dimensions



5
YEAR
WARRANTY

IP40

Avio Bollard

The Avio Bollard is suitable for commercial applications



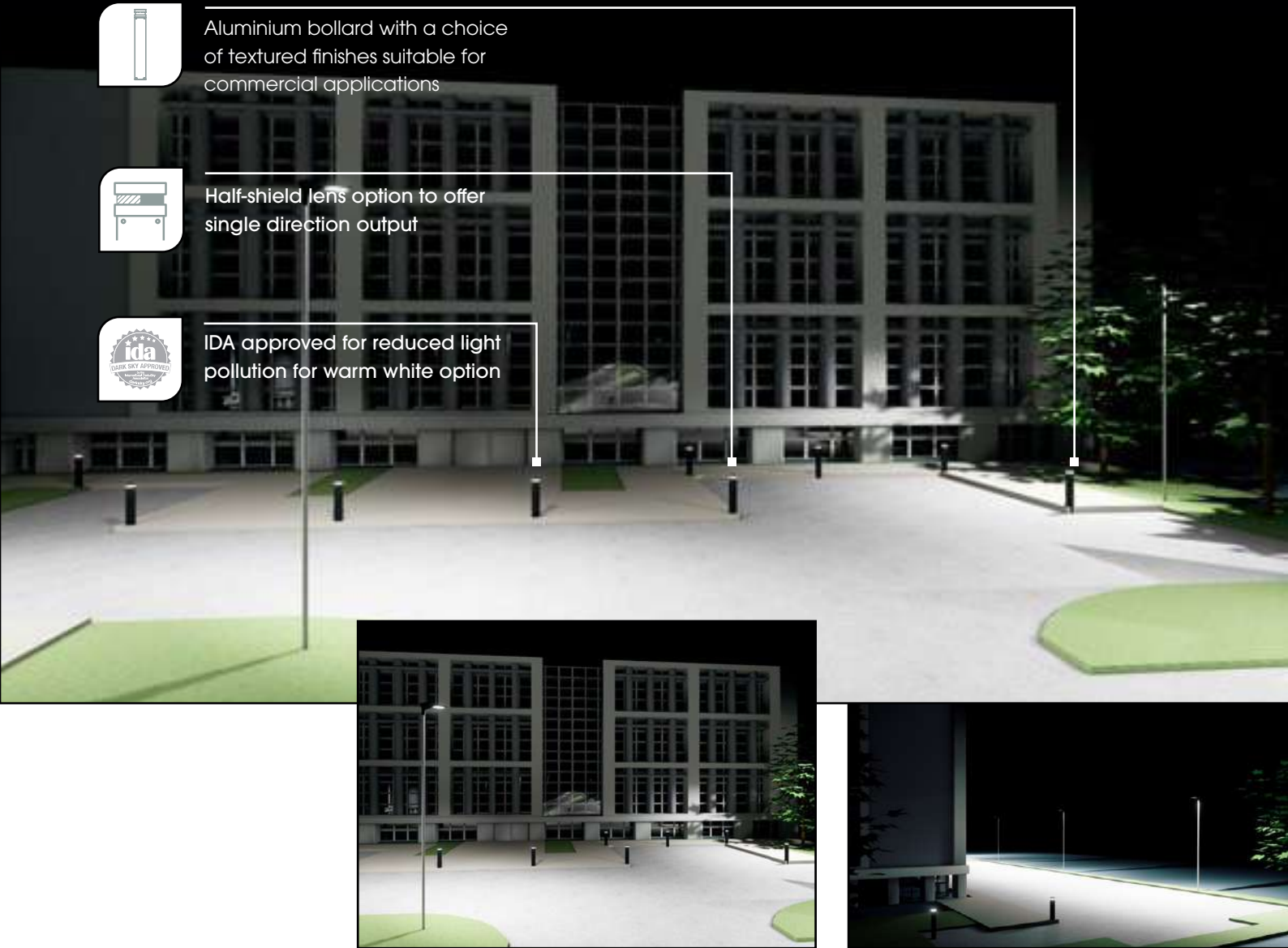
Aluminium bollard with a choice of textured finishes suitable for commercial applications



Half-shield lens option to offer single direction output



IDA approved for reduced light pollution for warm white option



Scan here for
Avio details



only applies to
3000K variants

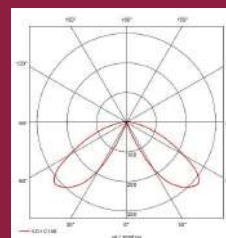
Lighting Criteria

Car Parks:

10 lux

Outdoor Areas:

10 lux

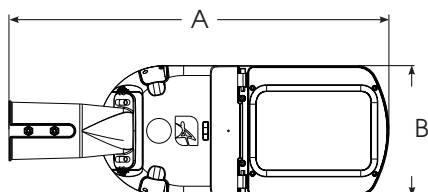


Also available with these options:

- Half-shield lens option to offer single direction output

Gabbro

- Modern die-cast aluminium street light ideal for carpark and large open areas
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of up to 3 outputs, in one luminaire
- 30° head tilt (15° up or down from horizontal) allows for a wider or more narrow light distribution
- Die-cast aluminium construction and breather gland for optimal heat dissipation and performance
- Integrated spirit level for easy levelling during installation
- Compatible with post top or side entry utility 76mm spigot
- 10kV Surge protection
- NEMA socket as standard for photocell accessory
- Comes complete with a AFIX connector (AFIXIP/1/SC/3C) for quick and easy IP rated connection



Hinged Gear Tray



Spirit Level

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C - 50°C	L80 96,000h	70	5	60° x 120°	1	IP66	IP08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	WINDAGE	A	B
AGAB1/1	CCT Selectable	20W / 40W / 60W	3000/4000/5000K	3300lm / 6000lm / 9100lm (4000K)	151lm/w (4000K)	0.09	583	200
AGAB2/1	CCT Selectable	80W / 100W	3000/4000/5000K	11500lm / 15000lm (4000K)	148lm/w (4000K)	0.12	627	240

* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
AGAB/PC/1	Nema Photocell

CODE (OPTIONS)	DESCRIPTION
AGAB/SBA/1	60mm Spigot Adaptor



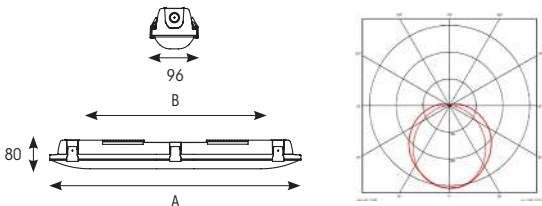


Tornado EVO

- IP65 non-corrosive batten suitable for industrial applications and ancillary areas
- High efficiency up to 160 Lm/W
- CCT selectable between 4000K, 5000K and 6500K and power selectable; offering a choice of 2 outputs, in one luminaire
- Slim sloped diffuser design creates sleek appearance and offers greater light distribution
- LED performance allows point-to-point replacement of existing fluorescent luminaires
- Lockable heavy-duty stainless steel clips supplied as standard for added safety and security
- Whole luminaire illuminates during emergency operation rather than a small area, allowing less emergency versions required on an installation



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INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 100,000	80	3	105/125°	1	IP65	IP08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	A
ATORE2/1	CCT Selectable - 600mm	9W/18W	4000/ 5000/ 6500K	1600lm - 3100lm (4000K)	160lm/W (4000K)	600mm	280mm
ATORE4/1	CCT Selectable - 1200mm	20W/40W		3100lm - 6200lm (4000K)		1200mm	840mm
ATORE5/1	CCT Selectable - 1500mm	30W/60W		4700lm - 9300lm (4000K)		1500mm	1040mm
ATORE6/1	CCT Selectable - 1800mm	35W/70W		5400lm - 10800lm (4000K)		1800mm	1353mm

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)
/MWS	Integral Microwave Sensor
/CF	Corridor Function



CASE STUDY



British Airways HQ

Nestled in the vibrant hub of Waterside, Harmondsworth, the headquarters of British Airways, required a transformative lighting upgrade. With a vision to modernise, enhance functionality, and elevate energy efficiency, the airline aimed to redefine brilliance within its workspace.

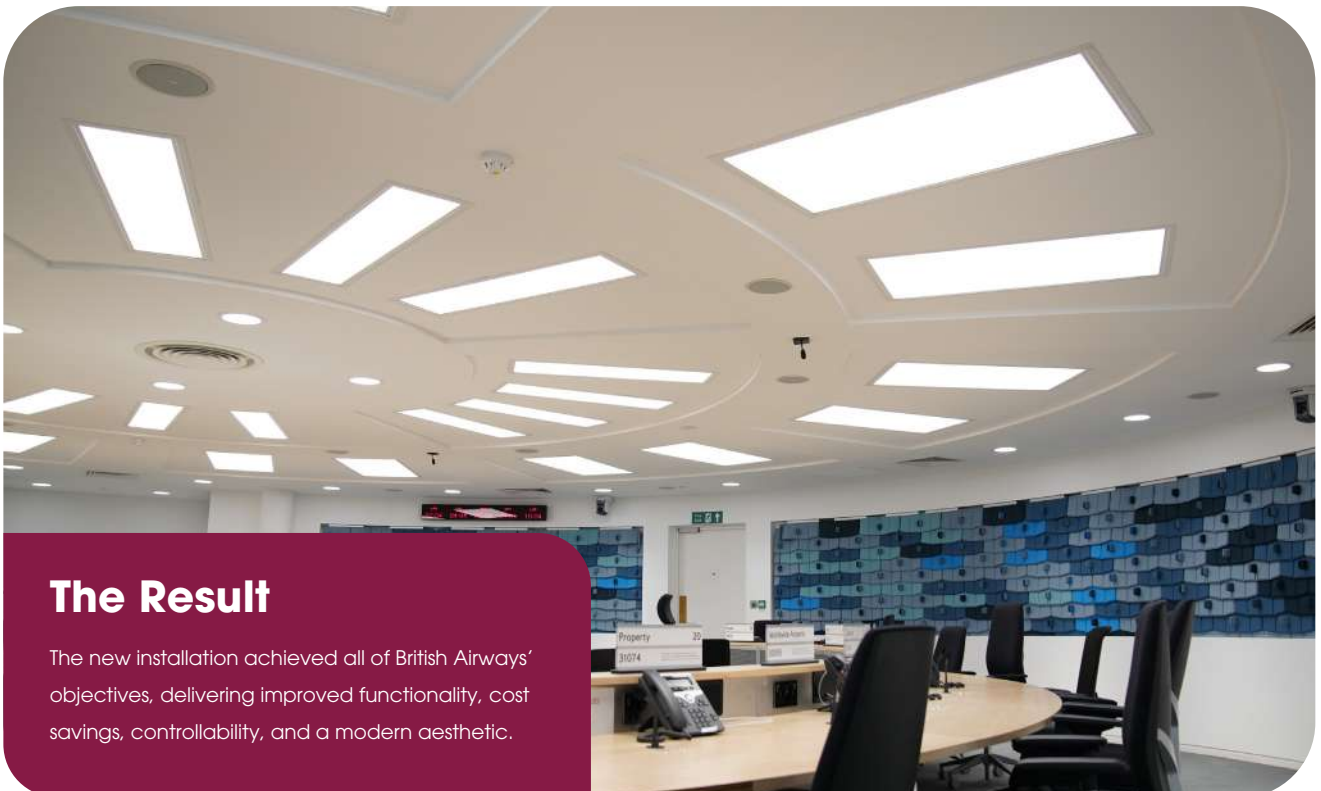


The Challenge

Inefficiencies and high costs, tied to outdated fluorescent T8 lights, were key factors driving the lighting upgrade. The project aimed to cut energy expenses, address maintenance issues, achieve controllability in a large office and maintain a modern, appealing environment, in line with the brand image.

The Solution

British Airways revamped its lighting using Ansell's Pace Backlit Panels and Freska series, chosen for superior illumination, energy efficiency, and modern design. Panels were strategically placed for uniform light, while Freska offered adjustable settings. The implementation, done in collaboration with facilities management and lighting experts, ensured a seamless transition with meticulous planning and safety adherence to minimise disruptions.



The Result

The new installation achieved all of British Airways' objectives, delivering improved functionality, cost savings, controllability, and a modern aesthetic.

Wilton Centre

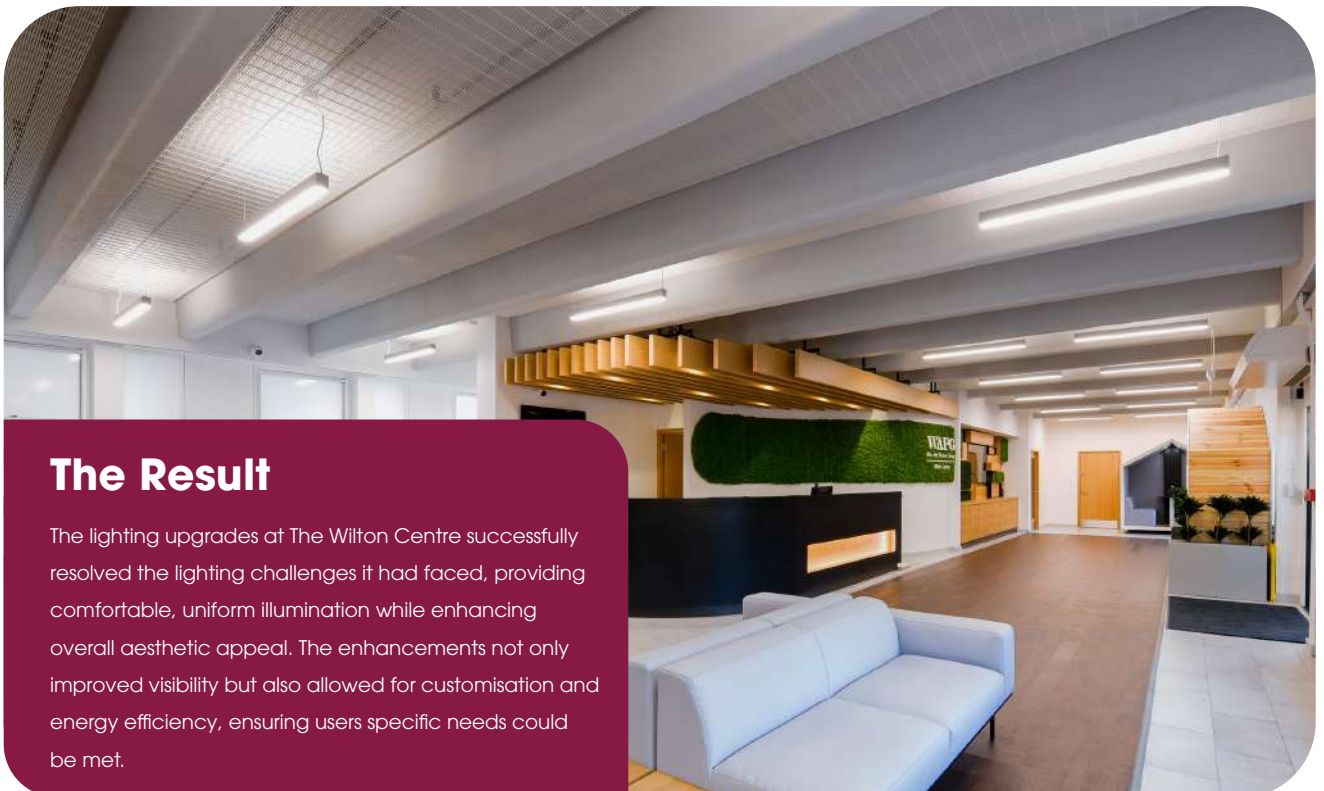


The Challenge

With diverse lighting requirements across the building, the Wilton Centre's existing lighting system was proving outdated and ineffective. A comprehensive upgrade was required to provide enhanced illumination and controllability for users across the various spaces as well as to improve energy efficiency.

The Solution

Visual comfort, low glare, CCT controllability and energy efficiency were key requirements of the new installation. Fulfilling all of these needs, the stunning Vasco linear was installed across office, reception and seating areas, whilst the Comfort EVO downlight was selected for canteen and break out spaces. Pace backlit panels were also installed in areas with shallow ceiling voids, whilst the modern Ruby LED pendant was specified in relaxed meeting and communal areas, providing a sleek, minimalistic lighting solution to enhance the overall lighting quality.



The Result

The lighting upgrades at The Wilton Centre successfully resolved the lighting challenges it had faced, providing comfortable, uniform illumination while enhancing overall aesthetic appeal. The enhancements not only improved visibility but also allowed for customisation and energy efficiency, ensuring users specific needs could be met.



CASE STUDY





CASE
STUDY



Margetts Fund Management



The Challenge

Recognising the impact lighting can have on employee wellbeing and performance, Margetts Fund Management initiated a complete overhaul of the outdated lighting systems at its Birmingham offices. Effective across its entire facility, the company sought design and specification expertise from Ansell Lighting to support the large-scale project.

The Solution

With employee health and wellbeing central to the brief, customisable, low glare, CCT selectable fittings were a must; helping the business to create an energised, high-performance environment. The specified luminaires included the Otto LED CCT Suspended Linear, the Ruby LED, the Boa LED Plug and Play Flexible Strip, and the Comfort LED Downlight. The architectural Eaves LED Recessed Linear was also used to illuminate walkways, whilst in the meeting rooms, the Unity 100 Square was installed. Signal LED provided emergency lighting throughout all the working areas and ancillary spaces.



The Result

As a result of the lighting upgrade, Margetts Fund Management are now benefitting from a more energised and creative environment. Low levels of glare have been achieved throughout the office space, helping to reduce colleague headaches and eye strain, and features such as controllable CCT are being used to influence mood and productivity.

Exchange Quay

Exchange Quay is an exciting and inviting workplace in Manchester with 472,000 sq. ft of Grade A office space set across multiple buildings. Instructed to carry out the refurbishment of the reception area of Building 8, architecture and interior design studio Jasper Sandars & Partners (JS+P) sought to re-design the lighting to transform the lifeless and cold space into a calm, confident and balanced area.

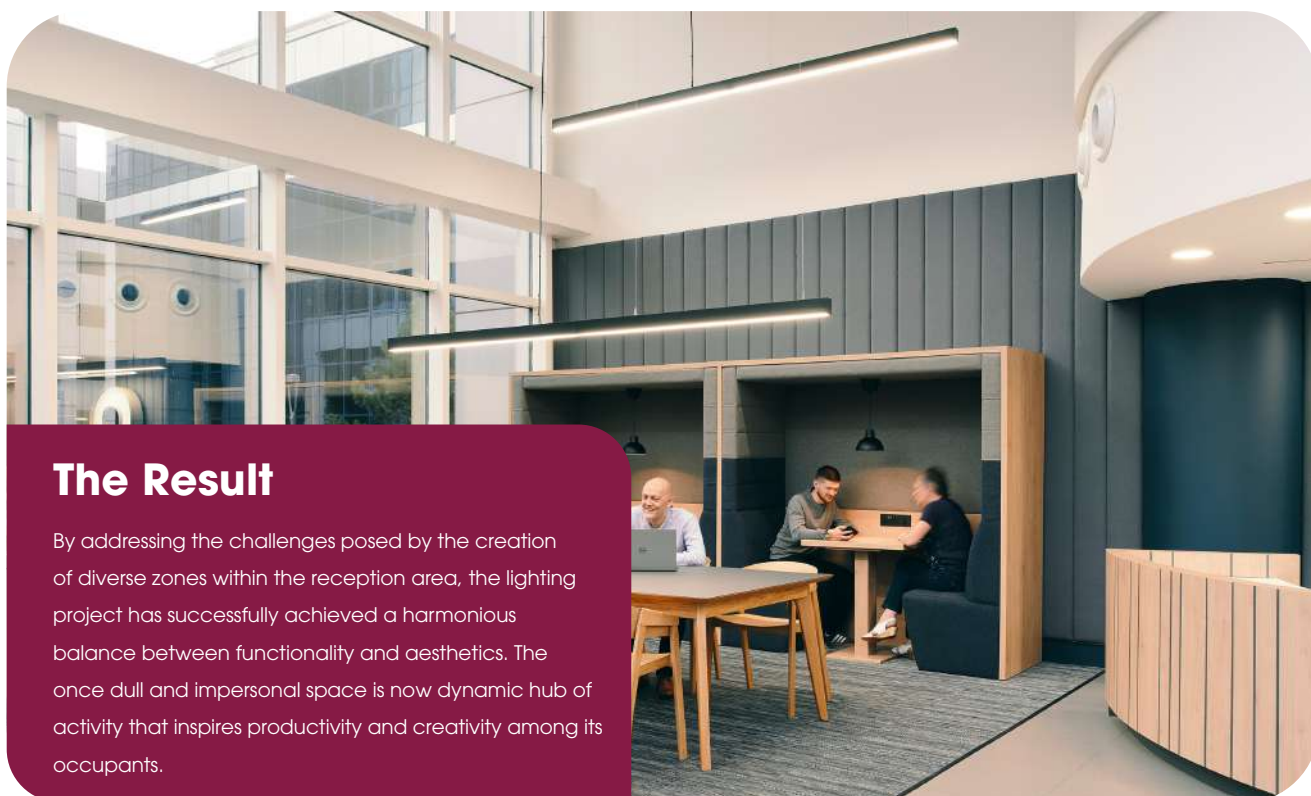


The Challenge

The new interior design and layout created by JS+P saw the reception area split up into zones, creating a number of different areas for relaxing, taking phone calls, working independently and for informal small group collaboration. Adjustable lighting was required to meet the differing requirements of each individual zone, enabling altered lighting tones and settings to be implemented to influence atmosphere and mood.

The Solution

Providing bi-directional light output and CCT selectability, Vasco LED Suspended Linear was chosen for the project. Positioned above each space as required, it delivers optimal illumination and flexibility in lighting design, allowing for customisation based on the activities or ambiance desired in each zone. Vasco's sleek and modern design has also enhanced the aesthetic appeal of the environment whilst maximizing usable space below.



The Result

By addressing the challenges posed by the creation of diverse zones within the reception area, the lighting project has successfully achieved a harmonious balance between functionality and aesthetics. The once dull and impersonal space is now dynamic hub of activity that inspires productivity and creativity among its occupants.



CASE STUDY





CASE STUDY



Chatham Maritime Estate Office

Formed in 1997, Chatham Maritime Trust is responsible for the management and maintenance of the Chatham Maritime Estate, one of the major urban regeneration sites in the country at that time. The organisation approached Ansell Lighting for a more modern solution to replace its outdated lighting system.

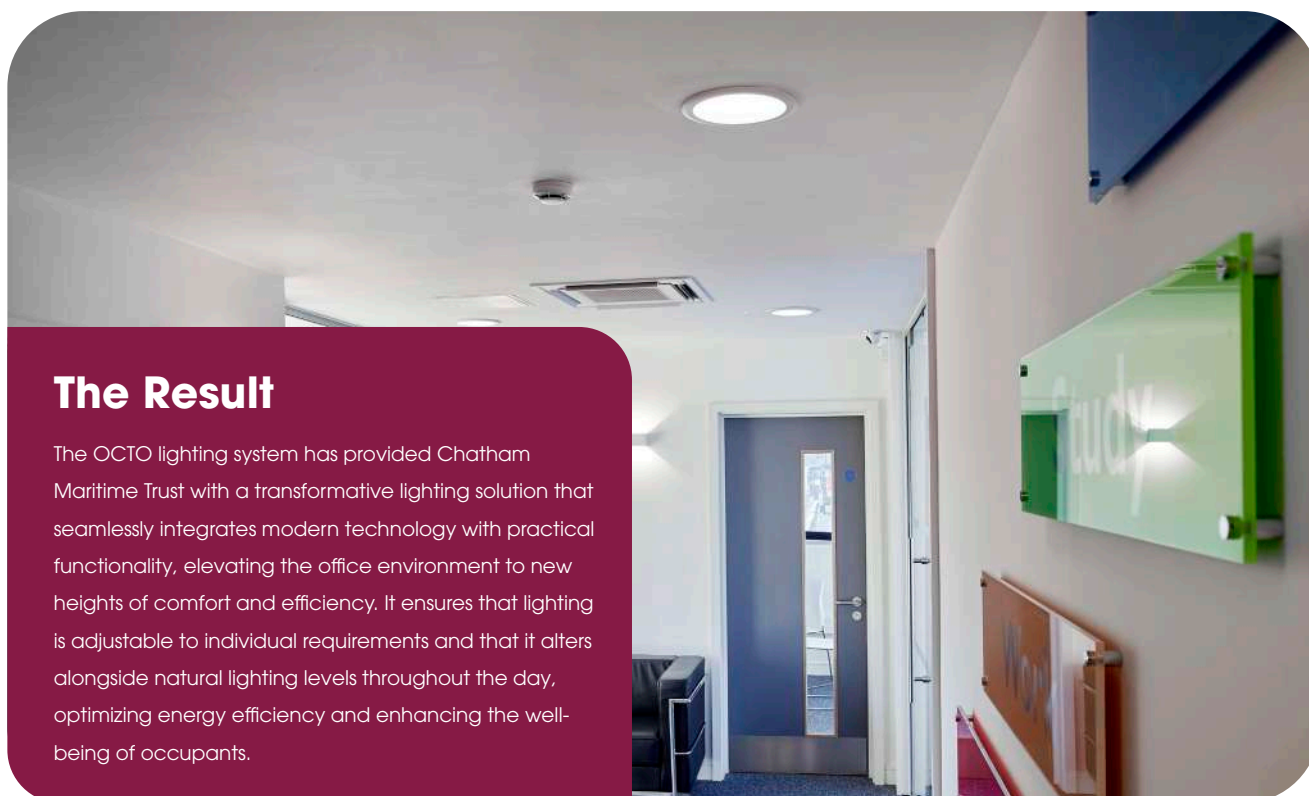


The Challenge

The goal of this project was to create a contemporary and adaptable workspace that could cater to the evolving needs of team members. The existing lighting setup posed several challenges that hindered productivity and comfort within the office environment and the Trust wanted to implement lighting that would adapt to natural lighting levels at different times of the day, as well as empowering each employee to have control over the lights above their desks.

The Solution

Our OCTO smart lighting solution was immediately recommended, allowing the trust to achieve this and more. A variety of products with OCTO functionality were installed at the Estate office to facilitate the connected lighting system. These include Endurance LED Recessed Panel and Galaxy CCT LED Downlight, both of which provide outstanding performance, uniformity and glare control. Other products specified included OCTO recessed PIR sensors, OCTO switches, the Eagle 3-in-1-Emergency Exit Sign and Facet wall lights.



The Result

The OCTO lighting system has provided Chatham Maritime Trust with a transformative lighting solution that seamlessly integrates modern technology with practical functionality, elevating the office environment to new heights of comfort and efficiency. It ensures that lighting is adjustable to individual requirements and that it alters alongside natural lighting levels throughout the day, optimizing energy efficiency and enhancing the well-being of occupants.



Designed to Deliver

ansell-lighting.com