



Manufacturers of quality lighting since 1920



British Family
Run Business

Smart Solutions 2025/26



Certificate Number: 12255 QMS-001
ISO 9001: 2015
ISO 14001:2015
ISO 45001: 2018

Contents

Re-imagine your spaces with BELL Smart Lighting	Page 3
Quality Control	Page 4
Lighting Design	Page 5
LIA Accreditation	Page 6
Sustainability	Page 7
The BELL Smart Lighting System	Page 8
Partnership & Support	Page 10
Your Smart Lighting Journey	Page 11
Commercial Lighting Solutions	Page 12
BELL Pulse	Page 14
Office Spaces	Page 16
Healthcare Spaces	Page 18
Warehouse Spaces	Page 20
Educational Spaces	Page 22
Hospitality Spaces	Page 24
Retail Spaces	Page 26
Recreational Spaces	Page 28
Sports Spaces	Page 30
Skyline Powertron Asymmetric LED Floodlight	Page 32
Case Study: Barrow AFC	Page 33

Re-imagine your spaces with BELL Smart Lighting

Experience the next generation of smart lighting with BELL Smart.

Benefit from seamless performance supported by proactive system upkeep, reduce energy consumption with thoughtfully engineered design, and stay protected with real time emergency insights.

BELL Smart empowers you to tailor your environment, support occupant wellbeing, and strengthen safety, delivering a forward thinking solution that brings intelligent lighting to life.



Automation

We offer adaptable options tailored to different environments, enabling users to choose the ideal setup for their specific requirements, while combining practicality with user-friendly design.



Multi User

Enable seamless and effective control of lighting systems by several users at the same time, ensuring smooth collaboration and operation.



Support

BELL Smart has your back! Our expert support team is on hand throughout the entire process, making sure your project runs smoothly from initial idea to final installation.



Accessible Anywhere

Being able to control and monitor lighting remotely is key to effective management, providing the freedom and ease to oversee systems anytime, from any location.

At BELL Lighting, we've been designing and manufacturing high quality internal and external lighting solutions for over 100 years

Established in 1920, our family run business has grown into a trusted name across both private and public sectors, supplying customers throughout the UK and internationally.

With a proud heritage rooted in British engineering, we've consistently embraced innovation, evolving our product offering to meet the changing needs of the lighting industry. Today, our commitment to forward thinking design is stronger than ever.

Our latest advancement, BELL Smart, developed in partnership with Casambi, marks a new era of intelligent lighting. This cutting edge solution puts powerful smart lighting control at your fingertips, combining convenience, efficiency, and sustainability.

From our purpose built facilities and showrooms to our award-winning product range, BELL Lighting continues to shape the future of lighting with smart, sustainable solutions built to last.



Quality Control

The BELL Lighting Research and Development department was established in 2012. After our move to BELL House, we quadrupled the size of our state of the art Quality Control/Quality Assurance facility.



Lighting Design, a dedicated team of specialist engineers ready to help

Our team of professional lighting designers and engineers have over 50 years of experience in the lighting industry. We know the importance of good lighting design and the benefits a lighting engineer will bring to a project. Our lighting design service ensures correct light levels are achieved in compliance with current regulations.

Our specialised knowledge of lighting and lighting control systems provides a smooth hassle free process, delivering beautiful energy saving lighting solutions on time and on budget.

Working within the UK and internationally, the lighting team have established a reputation for designing a broad range of exciting projects of all sizes, from single rooms through to partnerships with multi-disciplined design teams on large infrastructure projects.

We are a responsive and fast moving team who can manage the complete lighting design process from concept through to tender, supply, commissioning & continued technical support.

Light the Way, Your Way!

technical@belllighting.co.uk

sales@belllighting.co.uk

LIA Accreditation

BELL Lighting: Proud Member of the Lighting Industry Association (LIA)

At BELL Lighting, quality, safety, and innovation are at the heart of everything we do. That's why we're proud to be a member of the Lighting Industry Association (LIA) — the largest trade association in Europe dedicated to serving the UK lighting industry and its supply chain.

What is the LIA?

The LIA sets the benchmark for lighting quality, safety, and compliance in the UK. It works closely with government bodies, standards organisations, and the wider lighting community to ensure products meet rigorous performance and safety standards. Through its dedicated LIA Laboratory, it provides independent testing and certification, ensuring the highest level of quality assurance.

What LIA Membership Means for BELL Lighting

Being an LIA member isn't just a badge - it's a commitment. As members, BELL Lighting adheres to the association's strict code of conduct and industry best practices. This includes: Rigorous Product Testing: Our products undergo independent testing at the LIA Laboratory - one of the most advanced lighting test labs in Europe - for safety, energy efficiency, and performance.

BELL Lighting + LIA = Lighting You Can Trust.





Sustainability

Our Sustainability Goals

We are proud to be rated in the top 5% of all organisations by EcoVadis! As of December 2024, we are now rated Gold once again through EcoVadis. As part of our commitment to the EcoVadis process, our Compliance and Health & Safety Officer, recently completed the EcoVadis Solutions Practitioner Program.

Our future ambition is to achieve Net Zero status and we hope to become an inspiration for local businesses in their efforts to operate in an eco-friendly manner, by inviting them to our offices in Normanton and showcasing our sustainable initiatives. We aim to have our Scope 3 emissions calculated shortly, and we have set ourselves a target of becoming Net Zero by 2030.

We have achieved ISO 14001 Environmental Management certification and moved to all electric company cars. As a further part of our sustainability goals BELL House has been fitted with solar panels.

Light the Way, Your Way!

technical@bellighting.co.uk

sales@bellighting.co.uk

The BELL Smart Lighting System

BELL Smart is powered by a cutting-edge range of BELL technologies, engineered to turn your lighting concepts into reality. Drawing on over a century of expertise, our high-performance luminaires are paired with intelligent sensors and controls that adapt effortlessly to their surroundings.

Unified through intuitive apps and smart gateways, each element is built to interact seamlessly, giving you full control to tailor and refine your lighting environment. The result is a fully integrated system that goes beyond smart - redefining what's possible in energy-efficient, future-ready lighting.





Luminaires

Explore our versatile portfolio of luminaires, designed to deliver tailored lighting experiences that promote efficiency, elevate work environments, and support energy-conscious operations across all types of commercial spaces.



App

Take full command of your lighting setup from any location with our sleek, easy-to-use app, giving you instant access to customise, schedule, and monitor your system right from your smartphone or tablet.



Switches & Sensors

Integrated into the BELL Smart ecosystem, our switches and sensors enhance functionality and adapt to real-time conditions. Intelligent motion sensors activate lighting only when needed, supporting energy conservation.



Gateway

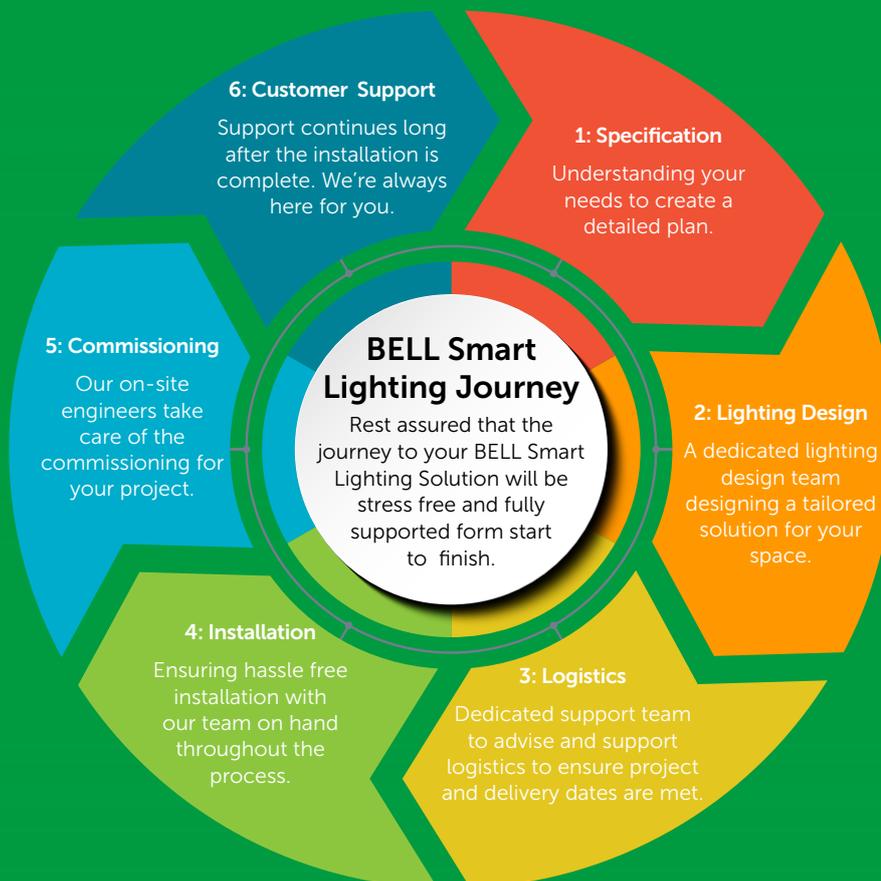
This proprietary hub ensures smooth device communication and scalable integration, forming a reliable foundation for your expanding smart network.



Partnership & Support

The BELL Smart Projects Team are on hand to support your project every step of the way, from your initial enquiry to bringing your project to life.

Once your installation is complete, the support doesn't stop there, we continue to offer support after final installation, with tailored commissioning and a dedicated support team on hand to assist long after the installation is complete.





Your Smart Lighting Journey

Introducing BELL Smart: The innovative lighting system that's set to transform your illumination experience.

Merging state-of-the-art technology with effortless control, BELL Smart enhances both the functionality and atmosphere of your commercial and home environments.

Utilising advanced communication protocols, data analytics, and exceptional service, we provide customized connectivity solutions tailored to your specific requirements. Our team of specialists supports you throughout every phase of your project, ensuring results that surpass expectations each time.

BELL Smart isn't just a name, it represents a new benchmark in intelligent living, optimizing lighting for any setting and elevating your environment to new levels of sophistication. Discover how BELL Smart can illuminate your professional and personal spaces like never before.



Commercial Lighting Solutions

Transform your workplace with intelligent lighting solutions from BELL, designed to improve energy efficiency, create the perfect atmosphere, and reduce operational costs, no matter the size of your space.

BELL's innovative smart technology puts full control at your fingertips, offering extensive customisation options and data-driven insights to help optimise performance. From the first consultation through to professional installation, our expert team delivers a personalised experience, ensuring your commercial lighting system is efficient, effective, and built to surpass expectations.

Picture a work environment where lighting intuitively responds to your operations, blending performance, comfort, and forward-thinking design. More than just light, intelligent connected systems redefine the way space's function. Leveraging advanced technology, they cut energy use while boosting output, improving safety, and supporting greener practices. BELL Smart is your partner in creating adaptive, future-ready lighting for commercial and industrial settings, lighting that works as hard as you do.







BELL Pulse

Non Maintained Emergency Solutions

BELL Pulse is a fully integrated, DALI based, and highly scalable emergency lighting test system, created to deliver a powerful, flexible, and user-friendly solution for managing emergency lighting compliance. Designed with both installers and facilities managers in mind, BELL Pulse provides a seamless way to test, monitor, and maintain emergency lighting systems across a wide range of building types and sizes.

With its advanced functionality, the system allows users to view, print, and email detailed emergency test reports directly from the intuitive touchscreen control panel. This makes it simple to pinpoint faults, track performance, and ensure efficient maintenance scheduling, all while helping to meet strict emergency lighting regulations and compliance requirements with minimal effort.

At the core of BELL Pulse is an intuitive graphical interface combined with a powerful commissioning platform and database engine. Together, these provide an intelligent yet straightforward method to configure, monitor, and present the real time operational status of every connected component. Whether you need an overview of the complete installation or prefer to focus on individual devices, navigation is clear and effortless, giving users full control and visibility at every level.

Adding to its versatility, BELL Pulse enabled emergency lighting products support wireless connectivity, removing the need for extra hardware or conventional DALI bus wiring. Our Casambi Wireless emergency solutions make use of Casambi's robust 2.4GHz radio mesh technology. Once paired with a remote gateway, these devices can communicate seamlessly with the BELL Pulse DALI emergency test system, behaving as if they were physically wired, but with all the convenience and flexibility of a wireless solution.

The result is a modern, future ready emergency lighting test platform that combines compliance, efficiency, and ease of use into one powerful package.

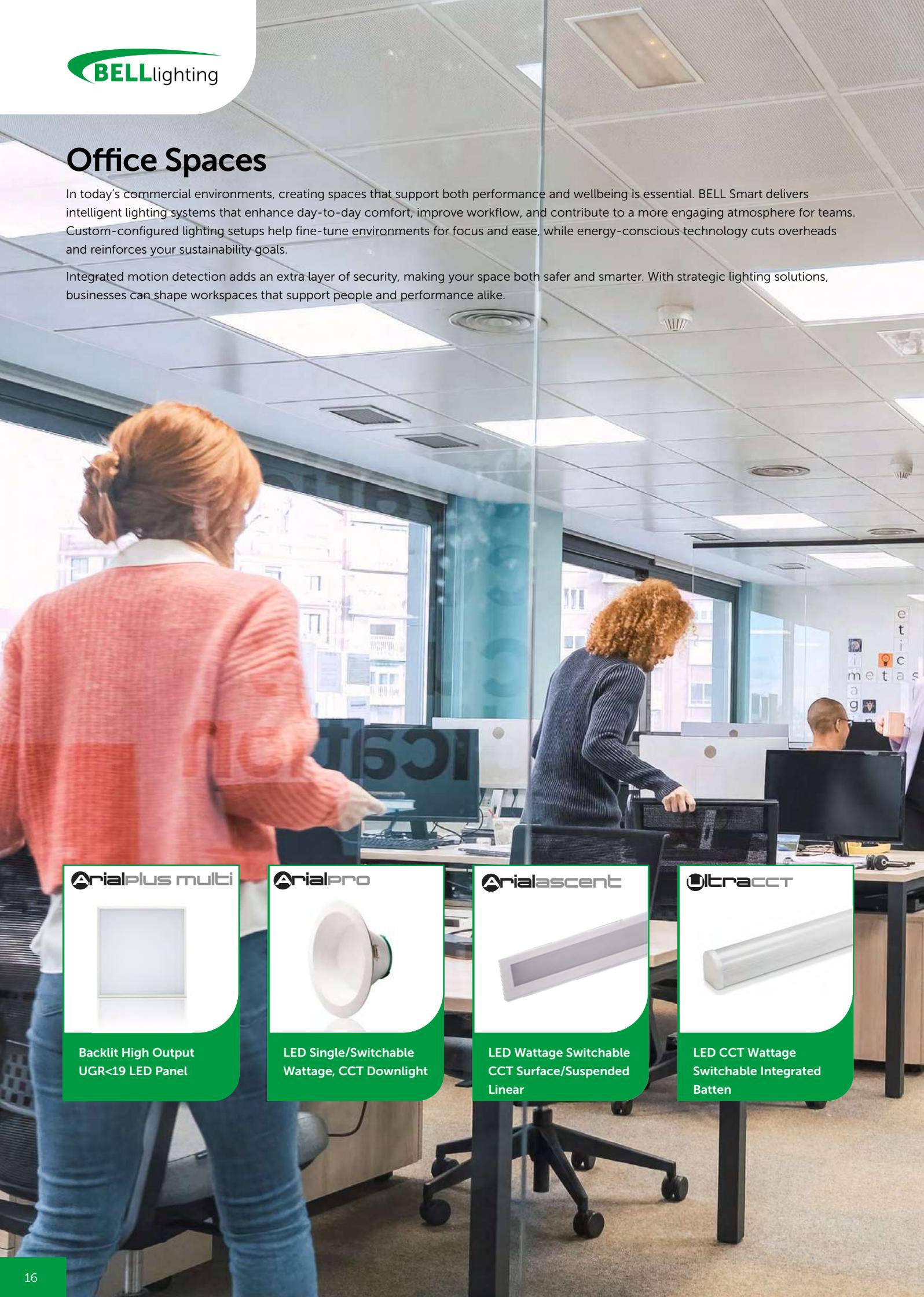




Office Spaces

In today's commercial environments, creating spaces that support both performance and wellbeing is essential. BELL Smart delivers intelligent lighting systems that enhance day-to-day comfort, improve workflow, and contribute to a more engaging atmosphere for teams. Custom-configured lighting setups help fine-tune environments for focus and ease, while energy-conscious technology cuts overheads and reinforces your sustainability goals.

Integrated motion detection adds an extra layer of security, making your space both safer and smarter. With strategic lighting solutions, businesses can shape workspaces that support people and performance alike.



Arialplus multi



Backlit High Output
UGR<19 LED Panel

Arialpro



LED Single/Switchable
Wattage, CCT Downlight

Arialascent



LED Wattage Switchable
CCT Surface/Suspended
Linear

UltracCT



LED CCT Wattage
Switchable Integrated
Batten



CASAMBI
SALES
PARTNER

Ultra Battens for utility areas

Arial Ascent for office spaces

Arial Pro for reception



Light the Way, Your Way!

technical@belllighting.co.uk
sales@belllighting.co.uk

Healthcare Spaces

Smart lighting is a crucial component in today's healthcare environments, helping to create spaces that are both therapeutic and efficient. BELL Smart integrates advanced lighting technology to support healing, improve daily operations, and enhance comfort for patients and staff. Customisable lighting helps reduce stress and support recovery, while energy saving systems lower fatigue and operating costs.

With integrated motion sensing and anti-ligature design options, safety remains a top priority, especially in sensitive or high-risk areas. By adopting thoughtful, tailored lighting solutions, healthcare facilities can promote wellbeing, reinforce safety, and deliver better care outcomes.



MentorCCT
LED Integrated CCT
UGR<19 Batten



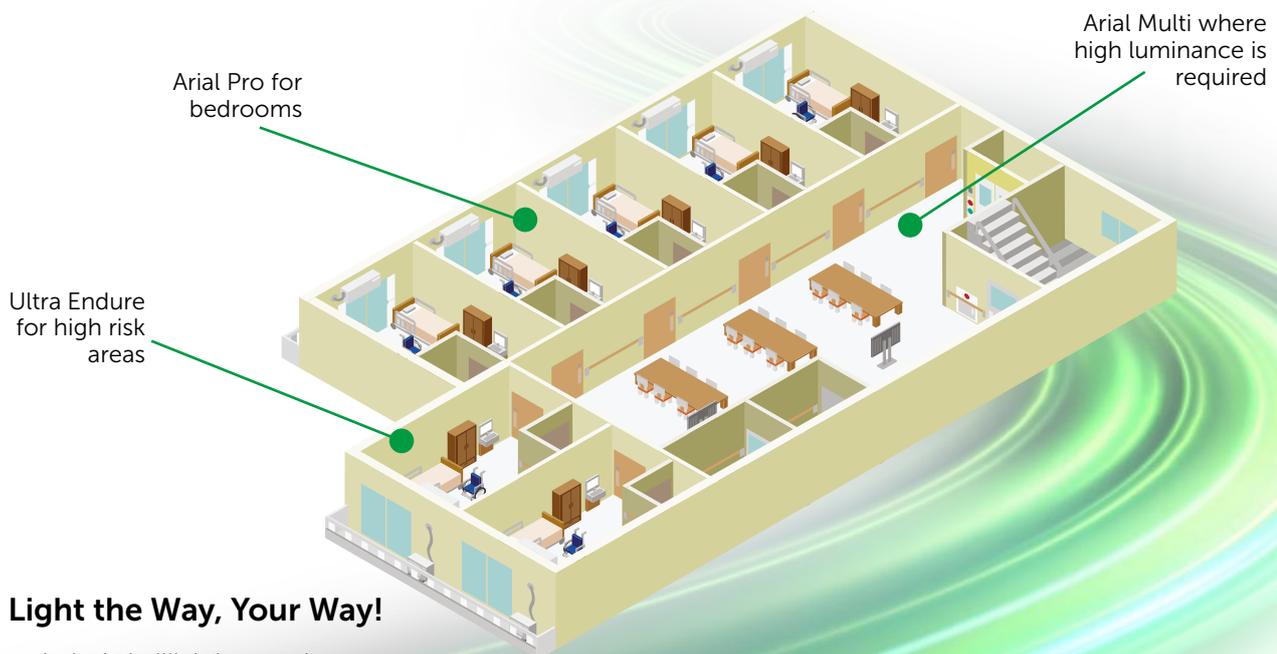
Ariapro
LED Single/Switchable
Wattage, CCT Downlight



Ariaplus multi
Backlit High Output
UGR<19 LED Panel



Ultraendure
Wattage Switchable CCT
Vandal Resistant Anti
Ligature LED Batten



Light the Way, Your Way!

technical@belllighting.co.uk
sales@belllighting.co.uk

Warehouse Spaces

BELL Smart delivers intelligent lighting strategies for warehouses and industrial sites, combining energy efficiency with pinpoint accuracy. In these demanding environments, effective lighting is crucial for safety, speed, and precision on the job. With systems tailored to the specific layout and function of each facility, BELL Smart ensures the right luminaires are used where they matter most.

Advanced control technology adjusts lighting levels in real time, minimising energy use across open areas and delivering targeted illumination for high racking zones, maximising performance while cutting unnecessary costs.



lluminaatlas



Wattage Switchable LED High Bay

lluminalinear



LED High Intensity UGR<20 High/Low Bay

duracCT



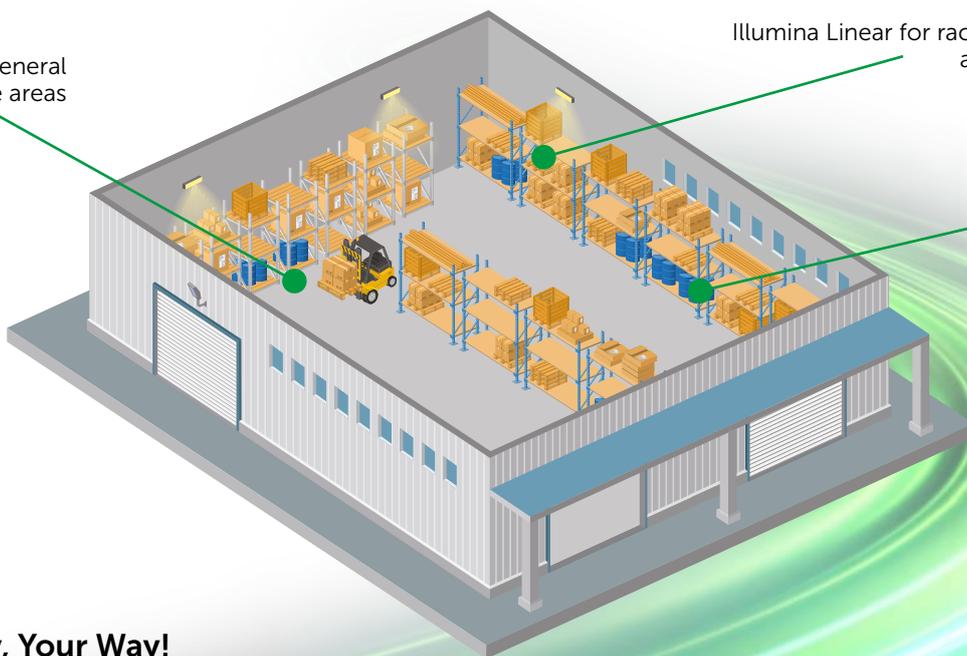
LED Integrated CCT Anti Corrosive Batten



Illumina Atlas for general warehouse areas

Illumina Linear for racking areas

Dura Battens for warehouse corridors



Light the Way, Your Way!

technical@belllighting.co.uk
sales@belllighting.co.uk

Educational Spaces

Schools encompass a wide variety of spaces, classrooms, corridors, sports halls, and outdoor areas, all requiring lighting that supports their specific function. BELL Smart delivers intelligent solutions that adapt to the diverse needs of educational environments, helping create settings that encourage focus, comfort, and wellbeing for both students and staff.

From reading and writing to multimedia interaction, visual clarity is essential for effective learning. Smart lighting allows educators to align illumination with teaching activities throughout the day, creating an engaging and responsive atmosphere that enhances academic performance.

Support learning with lighting that works as hard as your students do, BELL Smart brings control, comfort, and energy-conscious design to every corner of your school.



MentorCCT



LED Integrated CCT
UGR<19 Batten

Aquaconnect



LED Wattage Switchable
CCT Bulkhead

Arialmulti

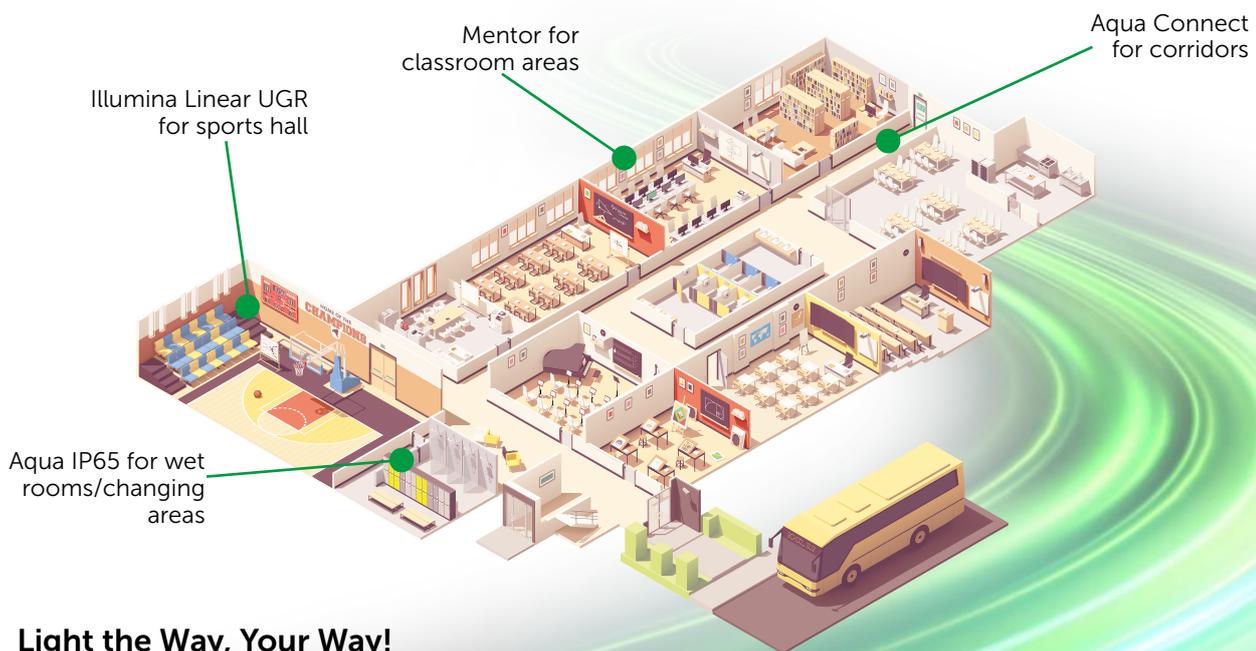


IP65 Backlit LED Panel

IlluminaLinear



LED High Intensity
UGR<20 High/Low Bay



Light the Way, Your Way!

technical@bellighting.co.uk
sales@bellighting.co.uk

Hospitality Spaces

Elevate the art of dining with BELL Smart, where lighting becomes an integral part of the hospitality experience. From daylight-inspired brightness to the rich intimacy of evening glow, our intelligent systems adapt effortlessly to the rhythm of service, enhancing both atmosphere and aesthetics.

Customised lighting schemes sculpt each space with precision, highlighting culinary details, enriching colour, and immersing guests in an environment that feels both inviting and sophisticated. Whether creating a vibrant lunch setting or a softly lit dinner ambiance, every transition is seamless and intentional.

With energy-efficient technology and programmable scenes, BELL Smart empowers restaurateurs to create sustainable yet luxurious environments that resonate with today's discerning guests. This is more than lighting, its ambience reimagined, where every meal is framed in elegance and every moment is unforgettable.



GirestayLED
CCT 4 colour / 2 wattage switchable

Integrated LED Fixed /
Centre Tilt Downlight



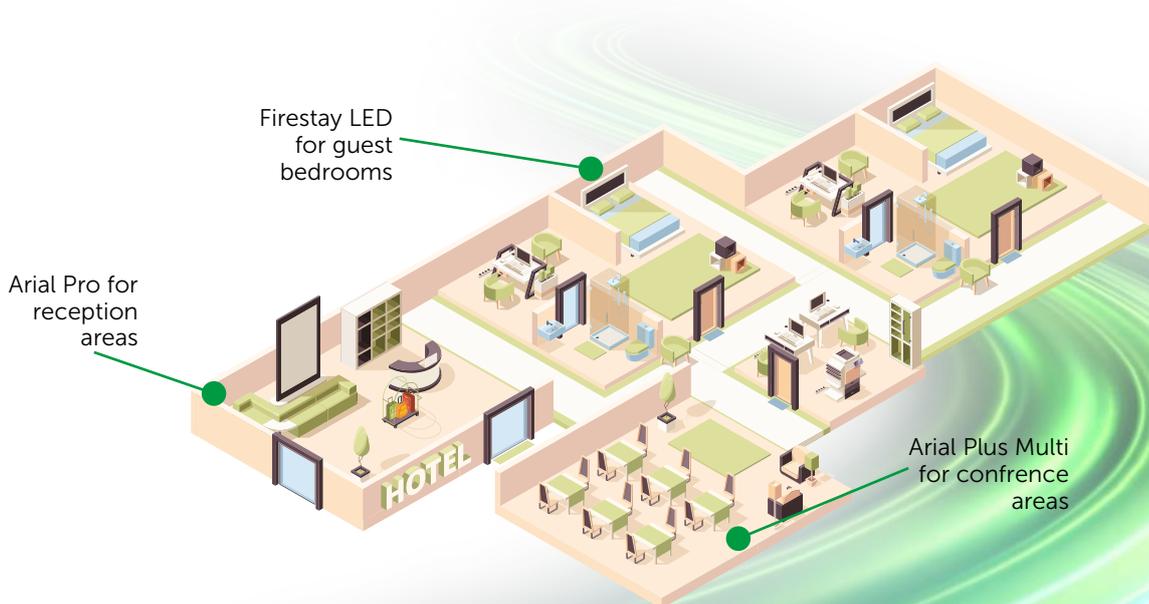
Ariapro

LED Single/Switchable
Wattage, CCT Downlight



Ariaplus multi

Backlit High Output
UGR<19 LED Panel



Light the Way, Your Way!

technical@belllighting.co.uk
sales@belllighting.co.uk

Retail Spaces

BELL Smart redefines the retail environment, bringing lighting to life in a way that enhances every product, elevates brand presence, and captivates the customer journey. Engineered for flexibility, these intelligent systems respond intuitively to seasonal changes, new collections, and shifting foot traffic, ensuring each display is perfectly lit and visually compelling.

Across store networks, BELL Smart maintains a cohesive visual identity while dramatically improving energy efficiency and reducing environmental impact. From window displays to feature zones, lighting becomes a strategic asset, driving engagement, increasing dwell time, and ultimately boosting conversions.

For retailers looking to stand out and deliver exceptional experiences, BELL Smart offers more than illumination, it brings precision, control, sustainability, and style to every square metre.

FirestayLED
CCT 4 colour / 2 wattage switchable



Integrated LED Fixed /
Centre Tilt Downlight

ArialPro



LED Single/Switchable
Wattage, CCT Downlight

FirestayLED
CCT 4 way selectable colour switch



Firestay LED Anti-Glare
CCT Fixed & Centre Tilt
Downlight

Illuminaatlas

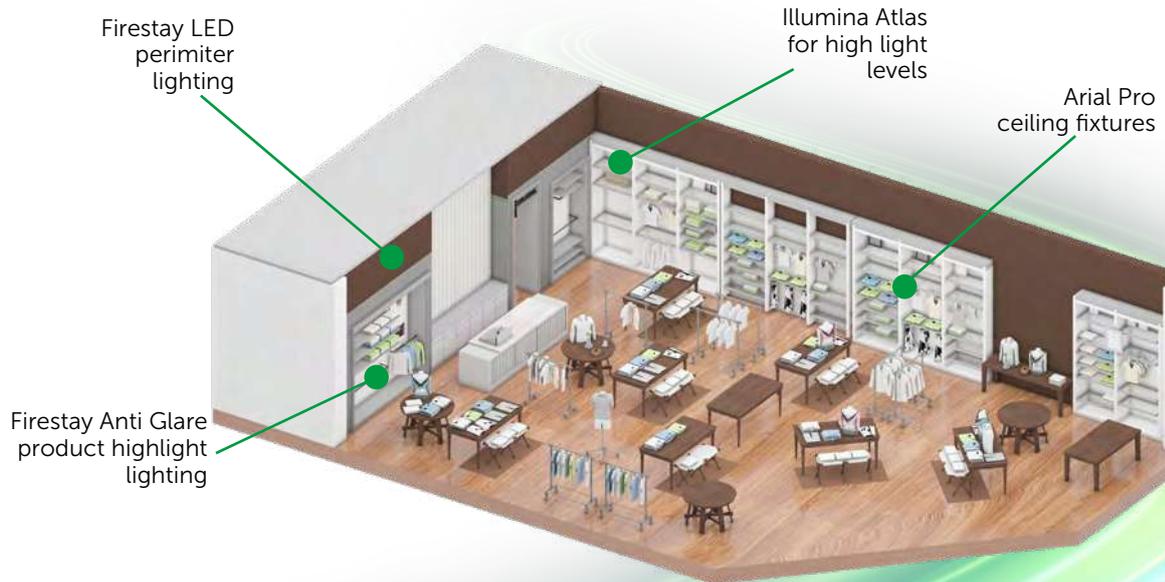


Wattage Switchable LED
High Bay





CASAMBI
SALES
PARTNER



Light the Way, Your Way!

technical@belllighting.co.uk
sales@belllighting.co.uk

Recreational Spaces

From the focus of a perfect tennis volley to the precision of a Pilates pose, every indoor activity thrives on clarity, comfort, and control. BELL Smart delivers advanced lighting solutions crafted to enhance performance and wellbeing across a wide range of interior recreation spaces.

Whether it's indoor tennis and racquetball courts, high energy gyms, or calming Pilates and yoga studios, our smart luminaires are engineered to provide even illumination, reduce glare, and create an atmosphere that supports both focus and enjoyment. Intelligent controls adapt lighting to the specific activity, time of day, or occupancy level, ensuring the right light for every moment while optimising energy efficiency.

With sleek, durable fittings and scalable smart technology, BELL Smart transforms interiors into brighter, safer, and more inviting environments, empowering athletes, fitness enthusiasts, and casual users alike.

This is lighting designed for movement, where every workout, stretch, and serve is illuminated to perfection.



① luminaatlas



Wattage Switchable LED High Bay

① skylinevirtus



Asymmetric/Symmetric LED Floodlight

① luminaicon



Wattage Switchable Sports Lighting

① arialpro



LED Single/Switchable Wattage, CCT Downlight



Light the Way, Your Way!

technical@belllighting.co.uk
sales@belllighting.co.uk

Sports Spaces

From the rush of a rugby touchdown to the precision of a hockey pass or the power of a football penalty, every outdoor sport thrives on visibility, safety, and performance. BELL Smart advanced outdoor lighting solutions are designed to meet the demanding needs of professional athletes and enthusiasts alike, providing optimal lighting for any sports field or arena.

Whether it's a football pitch, a hockey or a rugby field, our intelligent luminaires deliver uniform brightness, reduce glare, and enhance contrast, ensuring athletes can perform at their best, day or night. With smart controls that adapt to the specific sport, time of day, or weather conditions, BELL Smart lighting creates the perfect environment for both high intensity moments and strategic play.

Built to withstand the elements, our durable and weather sealed fittings are engineered for the outdoors, offering exceptional performance and longevity in even the harshest conditions. The scalable smart technology enables seamless integration with existing infrastructure, while optimising energy usage without compromising on light quality.

BELL Smart transforms outdoor sports environments into safer, more dynamic arenas, empowering athletes to push their limits and fans to experience every moment in the best light possible.

Skylinepadel



Wattage Switchable LED Padel Floodlight

Skylinevirtus



Asymmetric/Symmetric LED Floodlight

Skylinepowertron



Asymmetric LED Floodlight





Skyline Powertron
for outdoor Sports
lighting



Light the Way, Your Way!

technical@belllighting.co.uk
sales@belllighting.co.uk



CASAMBI
DALI 2

Quality Assured
Product Warranty¹
10 Year

On site
Warranty²
2 Year

Colour Rendering
Index³
70

Lumens
Maintenance Ratio⁴
L80 B10

Water & Dust
Protected
IP66

Surge
Protected
10000V

Impact
Rating
IK08

Operating
Hours
100,000

Skyline Powertron Asymmetric LED Floodlight

- Ideal for external sports lighting facilities
- Black powder coated die cast robust aluminium construction
- 600/1200/1800W Modular Body Design
- Genuine replacement for 1000W/2000W Metal Halide Floodlights
- Fully adjustable angled mounting bracket
- Suitable for multiple row column installations
- Scope available on request for fine on site aiming
- Full cut-off horizontal asymmetric floodlight
- Optional ULR Shields available for 0% upward light, glare and obstructive light reduction
- Remote driver gear tray, can be mounted on ground level for easy maintenance
- Marine Grade as standard
- 1200 & 1800W suitable for 415V dual phase installation, 600W available on request
- CASAMBI & DALI options available



Case Study: Barrow AFC

BELL Lighting were the chosen manufacturer and supplier for this prestigious project, providing a tailored lighting solution fit for professional football. With a strong history dating back to 1901, Barrow AFC returned to the English Football League in June 2020, marking a major milestone for the club. The recent lighting and infrastructure upgrade at Holker Street is reflective of that same upward momentum.

A total of 24 Casambi Enabled Skyline Powertron 1800W Asymmetric LED Floodlights were expertly installed onto 30m columns at Holker Street. Our fittings were enhanced with additional light shields to reduce glare and limit obtrusive light, a key requirement for a ground located so close to residential areas.

The integration of Casambi's wireless technology will ensure substantial energy and cost savings, simplified maintenance, and dynamic scene setting, creating the potential for multi-purpose usage of AFC Barrow's stadium. The result is a compliant solution which is ideal for the demands of EFL League Two matchdays and televised coverage.



Saving £24,983 in annual energy costs.
Energy saving 40%



Annual CO2 Saving 1,370 Kg



Annual Energy Saving 6,144 kWh

Light the Way, Your Way!

technical@belllighting.co.uk
sales@belllighting.co.uk



©2025 British Electric Lamps Ltd. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form, or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the publisher and copyright holder.

E&OE. As it is our policy to continually update our products with the latest in technological advances, the information and images contained in this catalogue are subject to change without notice. All measurements stated are approximate to within production tolerances of +/-5mm.



British Electric Lamps Ltd
BELL House, Foxbridge Way
Normanton Ind Est, Normanton
West Yorkshire. WF6 1TN



BELL Ireland
Marina House, Clarence Street
Dun Laoghaire, County Dublin
Ireland. A96 AX76

T: +44 (0)1924 893380
E: sales@bellighting.co.uk

www.bellighting.co.uk