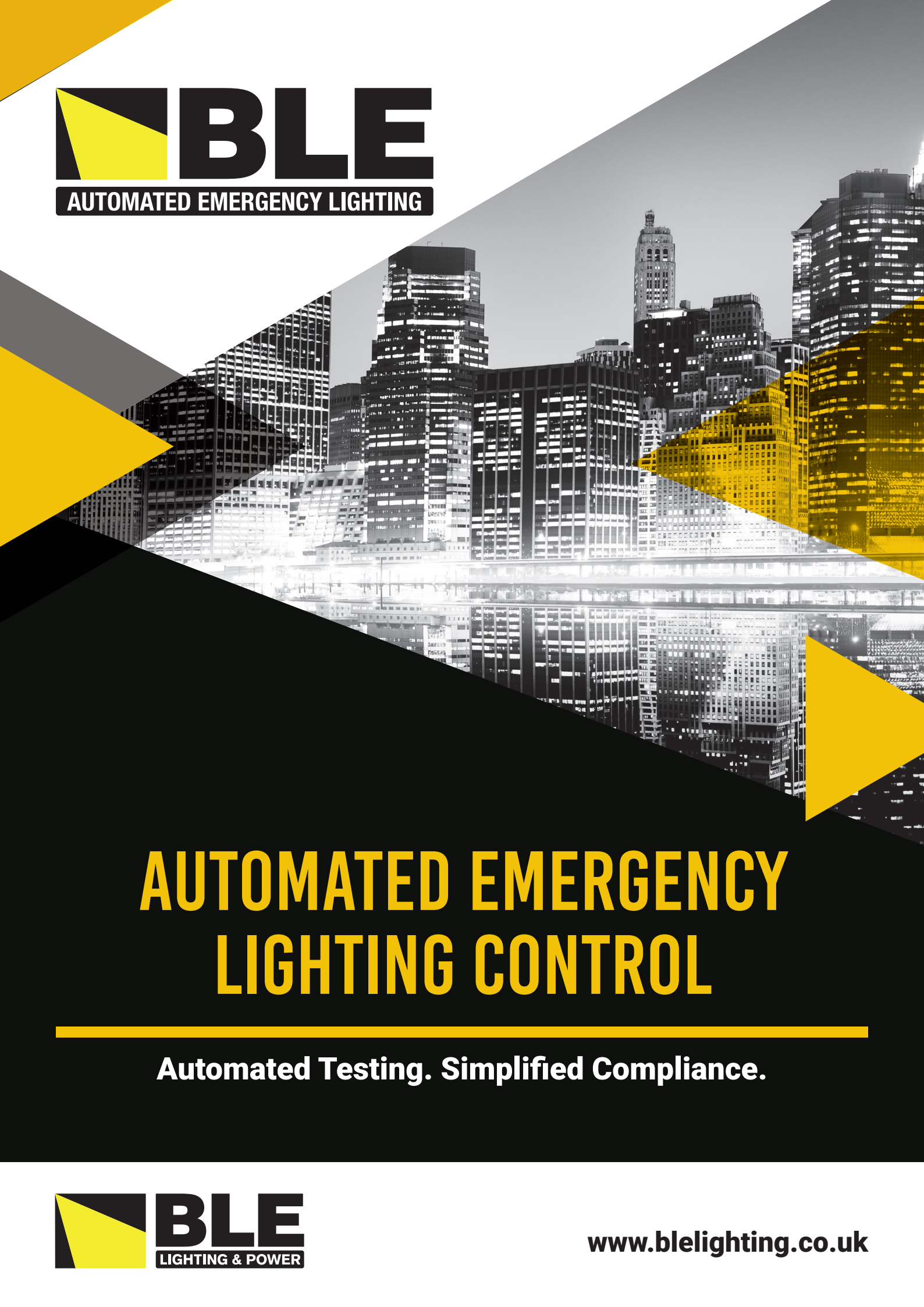




AUTOMATED EMERGENCY LIGHTING

A black and white photograph of a city skyline at night, with numerous skyscrapers illuminated. The image is framed by large, overlapping yellow and black geometric shapes, including triangles and polygons, which create a modern, architectural feel.

AUTOMATED EMERGENCY LIGHTING CONTROL

Automated Testing. Simplified Compliance.



www.blelighting.co.uk

A SCALABLE, WIRELESS PLATFORM DESIGNED FOR NEW & RETROFIT BUILDINGS.



MEET LEGISLATIVE
REQUIREMENTS



MONITOR BATTERY
HEALTH



FULL REPORTING IN
REAL TIME



INDEPENDENT
BLUETOOTH® NETWORK

AUTOMATED TESTING. SIMPLIFIED COMPLIANCE.

Emergency lighting compliance shouldn't be labour intensive. The BLE DALI Mesh system automates testing, monitoring, and reporting, replacing traditional manual inspection processes with intelligent, scheduled testing carried out directly by the emergency luminaires.

With flexible deployment options, scalable architecture, and comprehensive digital reporting, the system provides a future-ready solution that reduces maintenance demands, improves visibility, and helps ensure ongoing compliance with emergency lighting regulations.

Every luminaire becomes part of a secure, self-managing wireless DALI Mesh network - delivering automated testing, cloud-based reporting and intelligent monitoring across single rooms, entire floors, or multi-building estates.



SUITABLE FOR:
COMMERCIAL ► EDUCATION ► PUBLIC BUILDINGS ► RETAIL ► HOSPITALITY

HOW IT WORKS



The system uses Bluetooth® NLC technology to create a secure, decentralised wireless network across your emergency luminaires. Each emergency luminaire acts as both a light fitting and a communication node, allowing information to pass seamlessly across the network without the need for a central controller. The system removes the need for manual monthly testing while providing a complete digital audit trail.

Each fitting can:

- ✓ Communicate wirelessly with neighbouring devices
- ✓ Form a robust mesh network with no single point of failure
- ✓ Run automated function and duration tests
- ✓ Report results to the central portal or app

Commissioning is carried out via a mobile app or web tool, allowing installers to quickly identify devices, create groups, set behaviour profiles and define test schedules.

WIRELESS COMMUNICATION

Uses a Bluetooth® NLC mesh to form a reliable, decentralised network where each emergency luminaire communicates seamlessly with others.

AUTOMATED TESTING

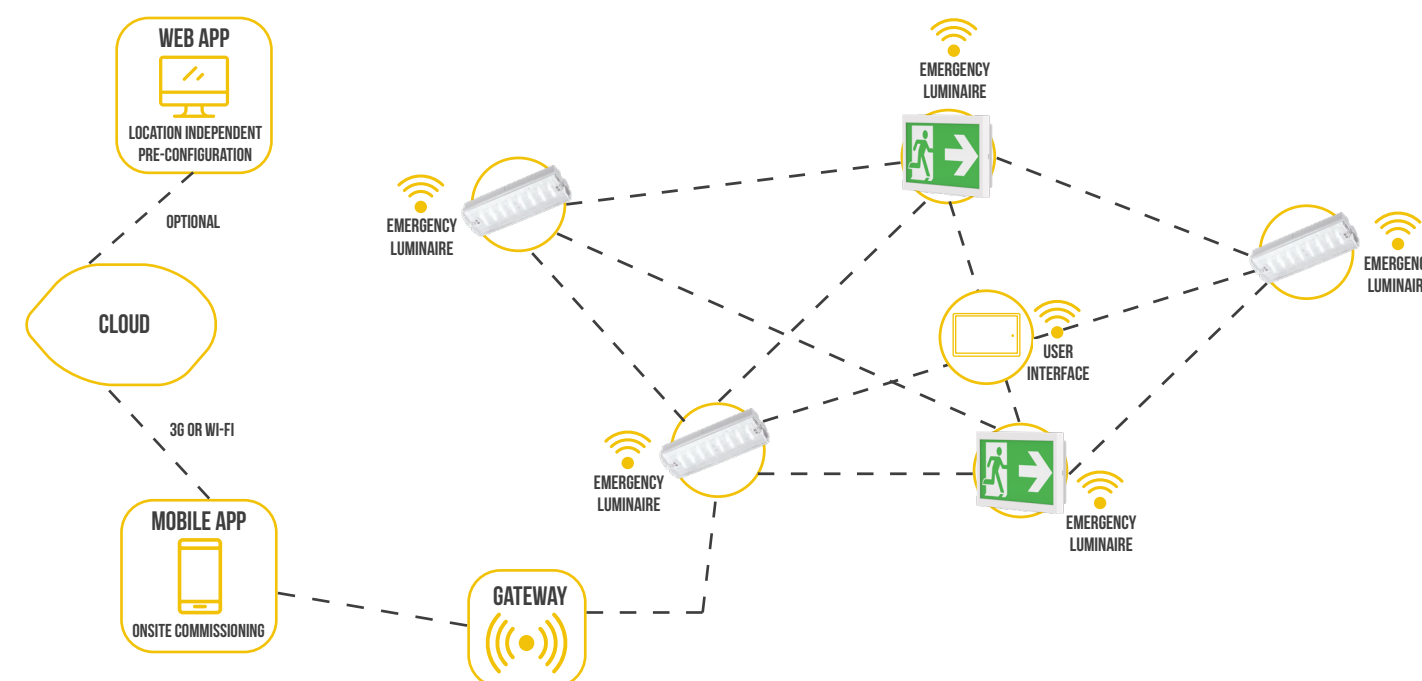
The system performs automated functional and duration tests on a set schedule, which can be customised through the app.

REMOTE MANAGEMENT

Authorised users can monitor the status of each emergency fitting, view test results, and receive alerts for failed tests through the portal.

SELF REPORTING

Instead of a manual test, the system automatically reports test results to the app or on-site gateway.



WHY CHOOSE AUTOMATED CONTROL?



BLUETOOTH® NLC SECURITY



SILVAIR

SECURE GATEWAY

An unsecured IoT device can provide a pathway into a corporate network. If an emergency lighting gateway is compromised, it could be used as a pivot point to access wider IT systems and sensitive data. Our system uses layered encryption and secure communications to help prevent unauthorised access, keeping the emergency lighting network protected and separate from critical business infrastructure.

NO SINGLE POINT OF FAILURE

The Bluetooth® Mesh network is decentralised, meaning each device communicates independently, maintaining system integrity even if one component fails.

SIMPLIFIED COMPLIANCE

Automated functional and duration testing helps ensure emergency lighting remains compliant with regulations, with digital records always available for audits and inspections.

FULLY AUTOMATED REPORTING/NOTIFICATIONS

Test results and system status are automatically logged, with exportable reports generated without manual intervention. Instant alerts enable rapid response to faults and help maintain compliance.

INTUITIVE APP SET-UP

Simple app-based commissioning allows quick device identification, grouping, and configuration without complex programming or specialist software.

SCALABILITY

The mesh-networked architecture enables systems to scale from a single room to multiple buildings without complex rewiring or centralised controllers. Additional emergency luminaires can be added quickly and efficiently, minimising downtime and simplifying future expansion.

Modern lighting control systems need more than reliable performance - they must also provide robust security to protect critical building infrastructure and sensitive applications. Secure wireless communication is essential for maintaining system integrity and operational continuity.

Built on recognised industry standards and proven security protocols, this platform provides a trusted foundation for intelligent lighting control, giving users the confidence to adopt wireless technology with peace of mind.

SECURITY BY DESIGN

Bluetooth® NLC embeds security at every level, helping protect devices, communications, and network infrastructure from unauthorised access while maintaining reliable system operation.

MANDATORY SECURITY FEATURES

Security isn't optional in Bluetooth® NLC, it's built into the standard. Every compliant device must meet strict security requirements, helping ensure a trusted, reliable, and protected network.

FULL TRANSPARENCY

Unlike proprietary systems, Bluetooth® NLC is built on open, publicly available standards. This transparent approach enables independent verification, helping ensure a trusted and secure platform.

NO KNOWN VULNERABILITIES

Since its introduction, the Bluetooth® NLC security framework has undergone extensive independent review. Currently, no known vulnerabilities have been identified, providing confidence in its long-term reliability.

ENCRYPTION

All communications within the Bluetooth® NLC network are encrypted and authenticated, preventing unauthorised access and eavesdropping.

AREA ISOLATION

Networks can be divided into subnets, each operating with its own security key. This isolation prevents potential vulnerabilities in one area from compromising the whole system.

COMMISSIONING APP

Step 1 – Plan & Configure

Commissioning App

Used by: Installers & System Integrators

- ✓ Upload building floor plans
- ✓ Create zones and emergency lighting groups
- ✓ Assign user permissions
- ✓ Set up monthly and annual test schedules (can be done by zone or floor, etc)
- ✓ Prepare the project before arriving on site

Fast installation and commissioning with minimal on-site configuration.

Emergency lighting testing

🕒 Functional tests

Every week Saturday, 2:00
Next test on 27 June 2026

All zones

⌚ Duration tests

Every 52 weeks Friday, 2:00
Next test on 21 May 2027

All zones

1 week later

No zones

2 weeks later

No zones

3 weeks later

No zones

Step 2 – Commission the System

Commissioning App

Used by: Installers & Commissioning Engineers (on-site)

- ✓ Discover nearby emergency luminaires
- ✓ Pair devices to the wireless mesh network
- ✓ Assign fittings to zones
- ✓ Verify network performance and connectivity
- ✓ Add luminaires to the Gateway
- ✓ Run the 'Commissioning Report' (which includes fitting locations and names) for complete system handover

Quick and simple commissioning without additional communication cabling.



MANAGEMENT PORTAL

Step 3 – Monitor & Maintain

Management Portal

Used by: Facilities Managers, Building Owners & Maintenance Teams

- ✓ View system status across the entire building
- ✓ Monitor emergency lighting performance
- ✓ Receive fault notifications and alerts
- ✓ Locate failed fittings
- ✓ Receive faults and reports from the system

Complete visibility of your emergency lighting system from a single dashboard.

Automated Test Results

- ✓ Monthly functional tests
 - ✓ Annual duration tests
 - ✓ Custom schedules
- Results are logged automatically and retained securely.

Live Status & Alerts

- ✓ Battery health
 - ✓ Communication status
 - ✓ LED/driver failures
 - ✓ Emergency test failures
- Alerts can be emailed or exported.

Nodes			Emergency					Details	
Name	Zone	Battery	Functional Test Result	Functional Test Status	Functional Test Date/Time	Duration Test Result	Duration Test Status	Duration Test Date/Time	Duration
Pin Spot outside Technical office	Zone	100%	OK	Finished	2025-11-10 10:03	OK	Finished	2025-10-22 11:46	03:00
INV B NLC D EL-T CONV 86a7	Zone	100%	OK	Finished	2025-12-01 07:00	OK	Finished	2025-11-04 12:50	03:00
Batten	Zone	100%	OK	Finished	2025-11-17 07:00	OK	Finished	2025-10-22 11:46	03:00
Pin Spot Kitchen	Zone	100%	OK	Finished	2025-12-15 07:00	OK	Finished	2025-10-22 11:46	03:00
Encliffe Dali	Zone	100%	OK	Finished	2025-11-17 07:00	OK	Finished	2025-10-22 11:46	03:00
Pin Spot Warehouse	Zone	100%	OK	Finished	2025-12-15 07:00	OK	Finished	2025-10-22 11:46	03:00

MANAGEMENT PORTAL

Step 4 – Automated Compliance

Compliance Reporting

- ✓ Automatic monthly function tests
- ✓ Automatic annual duration tests
- ✓ Digital compliance logbook
- ✓ Exportable .csv reports for audits and inspections
- ✓ Email alerts for faults and failures

Benefit: Reduced maintenance effort and simplified compliance with emergency lighting standards.

Exportable Reports

- ✓ Downloadable or emailed
- ✓ CSV maintenance logs
- ✓ Estate-wide compliance summaries

The portal provides a complete digital audit trail, significantly reducing manual admin time.

Name	Zone	Battery	Function Result	Test Time	Duration Result	Test Time
EM095	1F	100	Finished: Normal	2026-06-19 14:00	Finished: Normal	2026-05-23 07:00 03h:00m
EM127	2F	100	Finished: Normal	2026-06-19 14:00	Dropped: Normal	2026-06-12 00:05 18h:12m
EM097	1F	100	Finished: Normal	2026-06-19 14:00	Finished: Normal	2026-06-12 00:07 03h:02m
EM027 Dining Room	0G	100	Finished: Normal	2026-06-19 14:00	Dropped: Normal	2026-06-10 11:13 18h:12m
EM034 Kitchen	0G	100	Finished: Normal	2026-06-19 14:00	Dropped: Normal	2026-06-10 11:14 18h:12m

TRUSTED ACROSS MULTIPLE SECTORS



FOOD

Robust performance in demanding, regulated environments where hygiene, compliance, and uptime are critical.



RETAIL

Ensures safe customer flow and easy maintenance across multi-site retail estates.



AIRPORTS

Reliable, networked emergency lighting monitoring across complex terminals and high-traffic public areas.



CARE HOMES

Supports resident safety with reliable, always-on visibility of emergency lighting health.



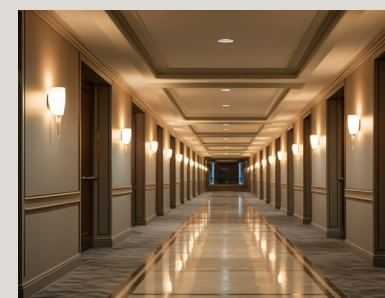
COMMERCIAL & INDUSTRIAL

Helping simplify compliance across commercial and industrial environments.



HEALTHCARE

Reliable emergency lighting monitoring for hospitals and healthcare facilities.



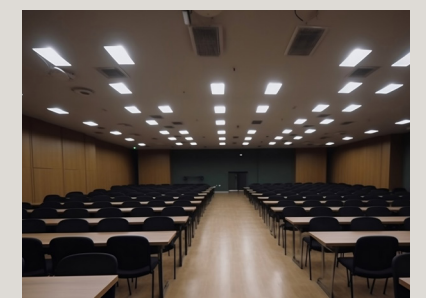
HOSPITALITY

Discreet, dependable safety monitoring that complements aesthetic interiors without disruption.



SPORT & LEISURE

Delivers consistent performance across large, open spaces with varying occupancy levels.



EDUCATION

Provides simple, centralised oversight to keep schools, colleges, and universities fully compliant.

PORTER
EMERGENCY BULKHEAD



5 YR
BATTERY
WARRANTY

5 YR
WARRANTY

4000K

IP65

LiFePO4

DALI
MESH

- Surface mount
- Suitable for new or retrofit applications

CODE	DESCRIPTION
EL-116255-DL-M	PORTER Emergency Bulkhead - IP65 - 3W - LiFePO4 - 150lm - Maintained / Non-maintained

RIVELIN
HIGH OUTPUT
EMERGENCY BULKHEAD



5 YR
BATTERY
WARRANTY

5 YR
WARRANTY

5000K

IP65

LiFePO4

DALI
MESH

IK08

50,000
HOURS

- Surface mount
- Suitable for new or retrofit applications
- ISO 7010 format adhesive exit legend sticker with multi-directional arrow

CODE	DESCRIPTION
EL-115950-DL-M	RIVELIN Emergency Bulkhead - IP65 - 6W - LiFePO4 - 220lm - Maintained / Non-maintained
EL-115951-DL-M	RIVELIN Emergency Bulkhead - IP65 - 14W - LiFePO4 - 1200lm - Maintained / Non-maintained

HOLLINSEND
RECESSED EMERGENCY
BULKHEAD



MADE IN
BRITAIN

10 YR
BATTERY
WARRANTY

10 YR
WARRANTY

4000K

IP20

30,000
HOURS

DALI
MESH

CODE	DESCRIPTION
EL-110404-BR-DL-M	HOLLINSEND Recessed Bulkhead - IP20 - 3W - LiFePO4 - Brass - Prismatic Diffuser
EL-110404-CH-DL-M	HOLLINSEND Recessed Bulkhead - IP20 - 3W - LiFePO4 - Chrome - Prismatic Diffuser
EL-110404-WH-DL-M	HOLLINSEND Recessed Bulkhead - IP20 - 3W - LiFePO4 - White - Prismatic Diffuser
EL-110408-BR-DL-M	HOLLINSEND Recessed Bulkhead - IP20 - 3W - LiFePO4 - Brass - Opal Diffuser
EL-110408-CH-DL-M	HOLLINSEND Recessed Bulkhead - IP20 - 3W - LiFePO4 - Chrome - Opal Diffuser
EL-110408-WH-DL-M	HOLLINSEND Recessed Bulkhead - IP20 - 3W - LiFePO4 - White - Opal Diffuser

HEATHLANDS
EMERGENCY DOWNLIGHT



5 YR
BATTERY
WARRANTY

5 YR
WARRANTY

5000K

IP20

LiFePO4

DALI
MESH

IK07

50,000
HOURS

- Outer ring supplied for use with larger cut outs
- Open area and corridor function lens

CODE	DESCRIPTION
EL-154250-DL-M	HEATHLANDS Emergency Downlight - IP20 - 3.5W - LiFePO4 - 240lm - Non-maintained

TOTLEY
EMERGENCY DOWNLIGHT



5 YR
BATTERY
WARRANTY

5 YR
WARRANTY

5000K

IP20

LiFePO4

DALI
MESH

IK08

50,000
HOURS

- Recessed / Surface mount
- Detachable surface mount box
- Open area and corridor function lens

CODE	DESCRIPTION
EL-155750-DL-M	TOTLEY Emergency Downlight - IP20 - 6W - LiFePO4 - 450lm - Non-maintained
EL-155751-DL-M	TOTLEY Emergency Downlight - IP20 - 3.5W - LiFePO4 - 280lm - Non-maintained

VARLEY
SURFACE MOUNT
EMERGENCY DOWNLIGHT



5 YR
BATTERY
WARRANTY

5 YR
WARRANTY

IP20

50,000
HOURS

LiFePO4

DALI
MESH

- Compact
- Surface mount
- Circular or square design

CODE	DESCRIPTION
EL-156650-ON-DL-M	VARLEY Surface Mount Emergency Downlight - IP20 - 1.5W - LiFePO4 - 240lm - Non-maintained - Circular - Open Area Lens
EL-156650-CO-DL-M	VARLEY Surface Mount Emergency Downlight - IP20 - 1.5W - LiFePO4 - 198lm - Non-maintained - Circular - Corridor Lens
EL-156651-ON-DL-M	VARLEY Surface Mount Emergency Downlight - IP20 - 1.5W - LiFePO4 - 240lm - Non-maintained - Square - Open Area Lens
EL-156651-CO-DL-M	VARLEY Surface Mount Emergency Downlight - IP20 - 1.5W - LiFePO4 - 198lm - Non-maintained - Square - Corridor Lens

CARSINGTON
RECESSED
EMERGENCY DOWNLIGHT



5 YR
BATTERY
WARRANTY

5 YR
WARRANTY

IP20

50,000
HOURS

LiFePO4

DALI
MESH

- Compact
- Recessed
- Open area or corridor lens versions available

CODE	DESCRIPTION
EL-156550-ON-DL-M	CARSINGTON Recessed Emergency Downlight - IP20 - 3W - LiFePO4 - 240lm - Non-maintained - Circular - Open Area Lens
EL-156550-CO-DL-M	CARSINGTON Recessed Emergency Downlight - IP20 - 3W - LiFePO4 - 198lm - Non-maintained - Circular - Corridor Lens

TUNWELL
EMERGENCY EXIT SIGN



- Supplied with ISO 7010 format exit legend
- Wall mount

CODE	DESCRIPTION
EL-134050-DL-M	TUNWELL Emergency Exit Sign - IP20 - 2.5W - LiFePO4 - 50lm - Maintained / Non-maintained

PARSON
MULTI-INSTALLATION
EMERGENCY EXIT SIGN



- Multi-position
- Wall / ceiling mount

CODE	DESCRIPTION
EL-134150-DL-M	PARSON Emergency Exit Sign - IP20 - 3W - LiFePO4 - 18lm - Maintained / Non-maintained

SHIRE
EMERGENCY EXIT SIGN



- Surface Mount or Suspension options

CODE	DESCRIPTION
EL-136350-DL-M	SHIRE Emergency Exit Sign - IP20 - 2W - LiFePO4 - Maintained / Non-maintained

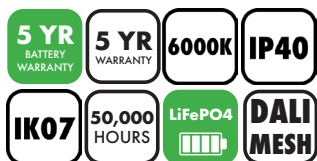
LOXLEY
EMERGENCY EXIT SIGN



- Suitable for new and retrofit applications

CODE	DESCRIPTION
EL-136150-DL-M	LOXLEY Emergency Exit Sign - IP20 - 2W - LiFePo4 - Maintained / Non-maintained - Supplied with Up Arrow Legend
EL-136150-DO	LOXLEY Down Arrow Legend
EL-136150-L	LOXLEY Left Arrow Legend
EL-136150-R	LOXLEY Right Arrow Legend

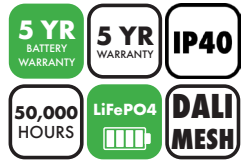
BRIMINGTON
XL EMERGENCY EXIT SIGN



- 614 x 314 x 50mm
- Single sided or double sided with optional suspension kit available for double sided
- 60M viewing distance

CODE	DESCRIPTION
EL-136950-DL-M	BRIMINGTON XL Emergency Exit Sign - IP40 - 6W - LiFePO4 - Maintained - Single Sided
EL-136950-DS-DL-M	BRIMINGTON XL Emergency Exit Sign - IP40 - 6W - LiFePO4 - Maintained - Double Sided
EL-136971-L	BRIMINGTON Left Arrow Exit Legend
EL-136951-R	BRIMINGTON Right Arrow Exit Legend
EL-136951-UP	BRIMINGTON Up Arrow Exit Legend
EL-136951-DO	BRIMINGTON Down Arrow Exit Legend
EL-136951-BN	BRIMINGTON Blank Legend
EL-136952	BRIMINGTON Suspension Kit for Double Sided Exit Sign

QUEENS
XL CUBE
EMERGENCY EXIT SIGN



- 500 x 500 x 508mm
- Surface mount with optional pendant mount available
- Four sided
- 60M viewing distance

CODE	DESCRIPTION
EL-137050-DL-M	QUEENS XL Cube Emergency Exit Sign - IP41 - 3W - LiFePO4 - Maintained
EL-137051-L	QUEENS Left Arrow Exit Legend
EL-137051-R	QUEENS Right Arrow Exit Legend
EL-137051-UP	QUEENS Up Arrow Exit Legend
EL-137051-DO	QUEENS Down Arrow Exit Legend
EL-137051-BN	QUEENS Blank Legend
EL-137052	QUEENS Suspension Kit

PARKWOOD
EMERGENCY EXIT SIGN



- Includes arrow legend

CODE	DESCRIPTION
EL-133804-BR-DL-M	PARKWOOD Recessed Exit Sign - IP20 - 3W - LiFePO4 - Brass
EL-133804-CH-DL-M	PARKWOOD Recessed Exit Sign - IP20 - 3W - LiFePO4 - Chrome
EL-133804-WH-DL-M	PARKWOOD Recessed Exit Sign - IP20 - 3W - LiFePO4 - White

KELHAM
EMERGENCY TWIN SPOT



- High output 1200lm
- Adjustable heads

CODE	DESCRIPTION
EL-145850-DL-M	KELHAM Emergency Twin Spot - IP65 - 9W - LiFePO4 - 1200lm - Non-maintained

CLIFFE
EMERGENCY TWIN SPOT



- High output 1200lm
- Suitable for new or retrofit applications

CODE	DESCRIPTION
EL-146450-DL-M	CLIFFE Emergency Twin Spot - IP65 - 0.5W - LiFePO4 - 450lm - Non-maintained

ELLESMERE
NON-CORROSIVE FITTING



- Suitable for multi-purpose applications
- Push fit terminals and clip-on gear tray

CODE	DESCRIPTION
EL-172704-M3-DL-M	ELLESMERE 4FT Non-Corrosive Fitting - IP65 - Adjustable Wattage 23W/29W/34W/40W - LiFePO4 - 2760lm/3480lm/4080lm/4800lm
EL-172705-M3-DL-M	ELLESMERE 5FT Non-Corrosive Fitting - IP65 - Adjustable Wattage 34W/42W/51W/60W - LiFePO4 - 4080lm/5040lm/6120lm/7200lm
EL-172706-M3-DL-M	ELLESMERE 6FT Non-Corrosive Fitting - IP65 - Adjustable Wattage 37W/46W/56W/70W - LiFePO4 - 4440lm/5520lm/6720lm/8400lm

OXLEY
CIRCULAR EMERGENCY
AMENITY LIGHT



- Low power consumption
- Surface mounted
- Polycarbonate opal diffuser

CODE	DESCRIPTION
EL-120651-M3-DL-M	OXLEY Circular Amenity Light - IP54 - 15W - LiFePO4 - 1500lm (180lm EM)

ENDCLIFFE
CIRCULAR
AMENITY LIGHT



- Reduced power consumption
- Surface mounted
- Impact modified polycarbonate diffuser and housing

CODE	DESCRIPTION
EL-120701-WH-M3-DL-M	ENDCLIFFE Circular Amenity Light - IP65 - 14W - LiFePO4 - 1090lm (230lm EM) - White Base - Opal Diffuser
EL-120701-BL-M3-DL-M	ENDCLIFFE Circular Amenity Light - IP65 - 14W - LiFePO4 - 1090lm (230lm EM) - Black Base - Opal Diffuser
EL-120702-WH-M3-DL-M	ENDCLIFFE Circular Amenity Light - IP65 - 14W - LiFePO4 - 1090lm (230lm EM) - White Base - Prismatic Diffuser
EL-120702-BL-M3-DL-M	ENDCLIFFE Circular Amenity Light - IP65 - 14W - LiFePO4 - 1090lm (230lm EM) - Black Base - Prismatic Diffuser

WHIRLOW
SQUARE
AMENITY LIGHT



- Reduced power consumption
- Surface mounted
- Impact modified polycarbonate diffuser and housing

CODE	DESCRIPTION
EL-120901-WH-M3-DL-M	WHIRLOW Square Amenity Light - IP65 - 14W - LiFePO4 - 1090lm (230lm EM) - White Base - Opal Diffuser
EL-120901-BL-M3-DL-M	WHIRLOW Square Amenity Light - IP65 - 14W - LiFePO4 - 1090lm (230lm EM) - Black Base - Opal Diffuser
EL-120902-WH-M3-DL-M	WHIRLOW Square Amenity Light - IP65 - 14W - LiFePO4 - 1090lm (230lm EM) - White Base - Prismatic Diffuser
EL-120902-BL-M3-DL-M	WHIRLOW Square Amenity Light - IP65 - 14W - LiFePO4 - 1090lm (230lm EM) - Black Base - Prismatic Diffuser

CHELSEA
LOW PROFILE CIRCULAR
AMENITY LIGHT



- Reduced power consumption
- Surface mounted
- Impact modified polycarbonate opal diffuser and high quality metal housing

CODE	DESCRIPTION
EL-121004-BR-M3-DL-M	CHELSEA Low Profile Circular Amenity Light - IP20 - 15W - LiFePO4 - Brass - Opal Diffuser
EL-121004-CH-M3-DL-M	CHELSEA Low Profile Circular Amenity Light - IP20 - 15W - LiFePO4 - Chrome - Opal Diffuser
EL-121004-WH-M3-DL-M	CHELSEA Low Profile Circular Amenity Light - IP20 - 15W - LiFePO4 - White - Opal Diffuser

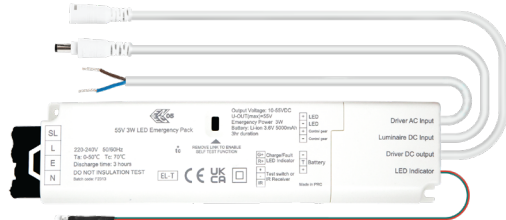
DORE
DIECAST
AMENITY LIGHT



- Surface mounted
- Removable eyelid

CODE	DESCRIPTION
EL-120801-DL-M	DORE Diecast Circular Eyelid Amenity Light - IP65 - 14W - LiFePO4 - Black - Opal Diffuser

BOWMAN
EMERGENCY REMOTE PACK



- Effective solution for emergency conversion of luminaires

CODE	DESCRIPTION
EL-193654-55-4W-DL-M	BOWMAN Emergency Remote Pack - LiFePO4 - 4W - 12-55V - For the WESTWOOD 600 x 600 Panel
EL-193660-55-3W-DL-M	BOWMAN Emergency Remote Pack - 3W - 10-50V - For the WESTWOOD 600 x 600 Panel

E&OE • PRODUCT INFORMATION MAY CHANGE WITHOUT PRIOR NOTICE
FINAL PRODUCT SPEC AND ITEM SKU WILL BE AGREED AT TIME OF QUOTING

WHY CHOOSE BLE?

55+ **55+ Years Experience**
Decades of knowledge you can trust. We've been designing and supporting life safety systems since 1968, giving customers proven reliability and confidence.

Made in Britain
A selection of our emergency luminaires are designed, engineered, and built in the UK, ensuring quality, consistency, and full traceability from concept to completion.

Technical Expertise
Our in-house specialists provide guidance, problem-solving, and tailored solutions - even for the most complex emergency lighting and power requirements.

Full Turnkey Solution
From design and manufacturing to installation support, commissioning, and aftercare, we deliver a complete end-to-end service.

Project Management
Our experienced team oversees every stage of your project, ensuring smooth delivery, clear communication, and a result that meets your exact needs.

Life Safety
Everything we do is built around protecting people and property. Our products and services help ensure compliance, resilience, and peace of mind.

**LIFE SAFETY,
OUR HAPPY PURPOSE.**



**MADE IN BRITAIN &
BESPOKE CAPABILITIES**



SPEAK TO OUR TEAM TODAY

OUR SIMPLE PROCESS

Whether you're designing a new installation or upgrading an existing building, our DALI Mesh system provides a secure, scalable and fully automated emergency lighting solution.

BLE Lighting & Power Ltd is a specialist in supplying and manufacturing emergency lighting and back-up power equipment.

We are committed to delivering high-quality products and services, and with over 58 years' experience, we have the technical expertise and knowledge of industry and legislative standards to ensure that we are supplying you with a fully compliant product.

BLE Lighting & Power Ltd is able to utilise our industry experience and vast in-depth knowledge of the emergency lighting industry standards to advise and support you, ensuring you have high-quality systems and products in place in case of an emergency situation. With the increased focus on safety equipment functionality and the importance of being able to evacuate buildings safely, here at BLE we aim to make your life easier and assist you in meeting all current legislation for emergency lighting. It is this attention to the finer details coupled with such a wide offering of emergency lighting and back-up power solutions which helps differentiate us from other suppliers.

**READY TO SIMPLIFY YOUR
EMERGENCY LIGHTING TESTING?**

**Speak to our team today to arrange a demonstration
or to discuss your project requirements.**

01246 432325 | sales@blelighting.co.uk | www.blelighting.co.uk

We follow a clear, structured journey from initial enquiry through to long-term system management, ensuring a smooth transition from design to ongoing compliance.

01 INITIAL CONSULTATION

The process begins with a consultation to understand project requirements, building layout, and compliance needs. This allows BLE to identify the most suitable emergency lighting approach for the site.

02 SYSTEM DESIGN

BLE develops a tailored system design based on the building layout and application. This includes zoning, product selection, and overall system architecture to ensure optimal performance and compliance.

03 ORDER

Once the design is approved, the system is specified and ordered. All required components are supplied ready for installation and commissioning.

04 INSTALLATION

A qualified electrical contractor installs the emergency lighting system using standard wiring practices. No additional communication cabling is required.

05 CONFIGURE ON COMMISSIONING APP

Installers use the Commissioning App to discover, pair, and assign luminaires to the correct zones. This establishes the wireless mesh network structure.

06 COMMISSION THE SYSTEM

The full system is tested and verified using the commissioning tools. Network performance, device status, and emergency operation are confirmed before handover.

07 MANAGEMENT PORTAL

Facilities teams use the Management Portal to monitor system health, receive fault alerts, and access automated test results. Compliance reports and digital logbooks are generated automatically.

08 ONGOING SUPPORT

Continued technical support and system updates to ensure long-term reliability, compliance, and optimal performance of the installed system.



AUTOMATED EMERGENCY LIGHTING CONTROL

Automated Testing. Simplified Compliance.

BLE Lighting & Power Ltd
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