



Wireless emergency lighting control

Smarter testing. Simpler compliance.

Managing emergency lighting does not need to be manual, time-consuming or prone to error. Our wireless lighting control solutions transform traditional systems into intelligent, self-testing networks that automate compliance, reduce maintenance effort and provide complete system visibility.

Using a secure Bluetooth mesh network, luminaires, including emergency fittings, communicate without the need for control cabling. This enables central monitoring, automated testing and real-time reporting from a single platform.

Right for retrofit.

With no additional wiring required, systems can be deployed quickly and with minimal disruption. This makes them particularly well suited to retrofit projects, including existing and heritage buildings where rewiring would be costly or impractical.

Why go wireless?

Traditional emergency lighting systems rely on manual processes that are time-intensive and prone to error. Wireless automation replaces this with a fully managed, self-testing system that improves reliability, visibility and control.



Automated testing

- Scheduled monthly & annual tests
- No manual switching or disruption to operations
- Consistent, regulation-aligned testing

Simplified compliance

- Automatic digital record keeping
- Instant access to audit-ready reports
- Supports standards such as BS 5266

Real-time fault detection

- Immediate alerts for failures
- Faster maintenance response
- Reduced risk of non-compliance

Ideal for retrofit

- No control cabling required
- Minimal disruption to occupied buildings
- Faster installation compared to wired systems

Reduced maintenance costs

- Eliminates manual inspections
- Significantly reduces labour time
- Improves operational efficiency

Wireless. The route to easier compliance.

Traditional emergency systems require engineers to manually initiate tests, record results and identify faults during periodic inspections. This approach is often highly inefficient and increases the risk of missed tests or incomplete records.

Wireless automation removes these challenges. Testing is carried out automatically, results are recorded instantly, and faults are flagged in real time.

- **Testing happens automatically** – no manual intervention
- **Results are recorded instantly** – no paperwork required
- **Failures are flagged immediately** – no delays in response

The result is a more efficient and reliable system that not only saves time but also significantly reduces compliance risk by ensuring testing is consistent, traceable, and always up to date.

Traditional vs wireless for emergency testing

Feature	Traditional system	Wireless system
Testing	Manual	Fully automated
Record keeping	Paper logbooks	Digital audit trail
Fault detection	Periodic inspection	Real-time alerts
Installation	Requires control wiring	Wireless, no additional cabling
Suitability for retrofit	Limited & disruptive	Ideal for existing buildings
Maintenance	Labour-intensive	Reduced on-site workload
Compliance risk	Higher	Significantly reduced
Sustainability	Travel to on-site testing	Digital data, reduced enviro impact

Where it works best.

Our wireless controls solutions scale easy via a mesh network, making them ideal for large and complex buildings – including heritage spaces that are often difficult to retrofit.

- Offices & commercial buildings
- Retail & hospitality settings
- Warehouses & industrial facilities
- Healthcare environments
- Education campuses

Talk to the experts.

Need wider, specialist support or solutions?

As a Prime Controls customer, you have access to industry-leading expertise from our colleagues at Emergency Lighting Products (ELP), premier UK specialist with over 30 years of expertise in emergency lighting solutions. ELP has been part of our Group since 2025.

Contact us to find out how wireless lighting control solutions can reduce costs, improve safety and simplify emergency lighting compliance in your organisation.



Get in touch.

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