

# WIRELESS PROFESSIONAL EMERGENCY LIGHTING

Always Monitoring, Always Compliant

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# INTRODUCTION

Entek delivers innovative, reliable, and sustainable solutions designed to enhance the performance and efficiency of modern buildings and ensure seamless integration, regulatory compliance, and long-term value for our clients. Backed by over a century of combined industry experience, our team partners with clients, designers, and contractors to deliver solutions across diverse industry sectors.

Partnering with leading manufacturers, we offer a comprehensive end-to-end service—from initial design and planning to final project delivery working closely with all stakeholders to ensure the requirements for each project is met.

Our commitment extends beyond installation. We provide ongoing service, maintenance, and dedicated support to guarantee lasting performance and reliability. With a client-focused approach and deep technical expertise, Entek delivers high-quality solutions tailored to the evolving demands of modern buildings.

## Wireless Professional-System Features

- ✓ Wireless connectivity
- ✓ Always monitoring system changes
- ✓ Fully scalable up to 50,000 luminaires
- ✓ Scheduled function and capacity testing
- ✓ No inaccessible luminaires during testing
- ✓ Free cloud monitoring software



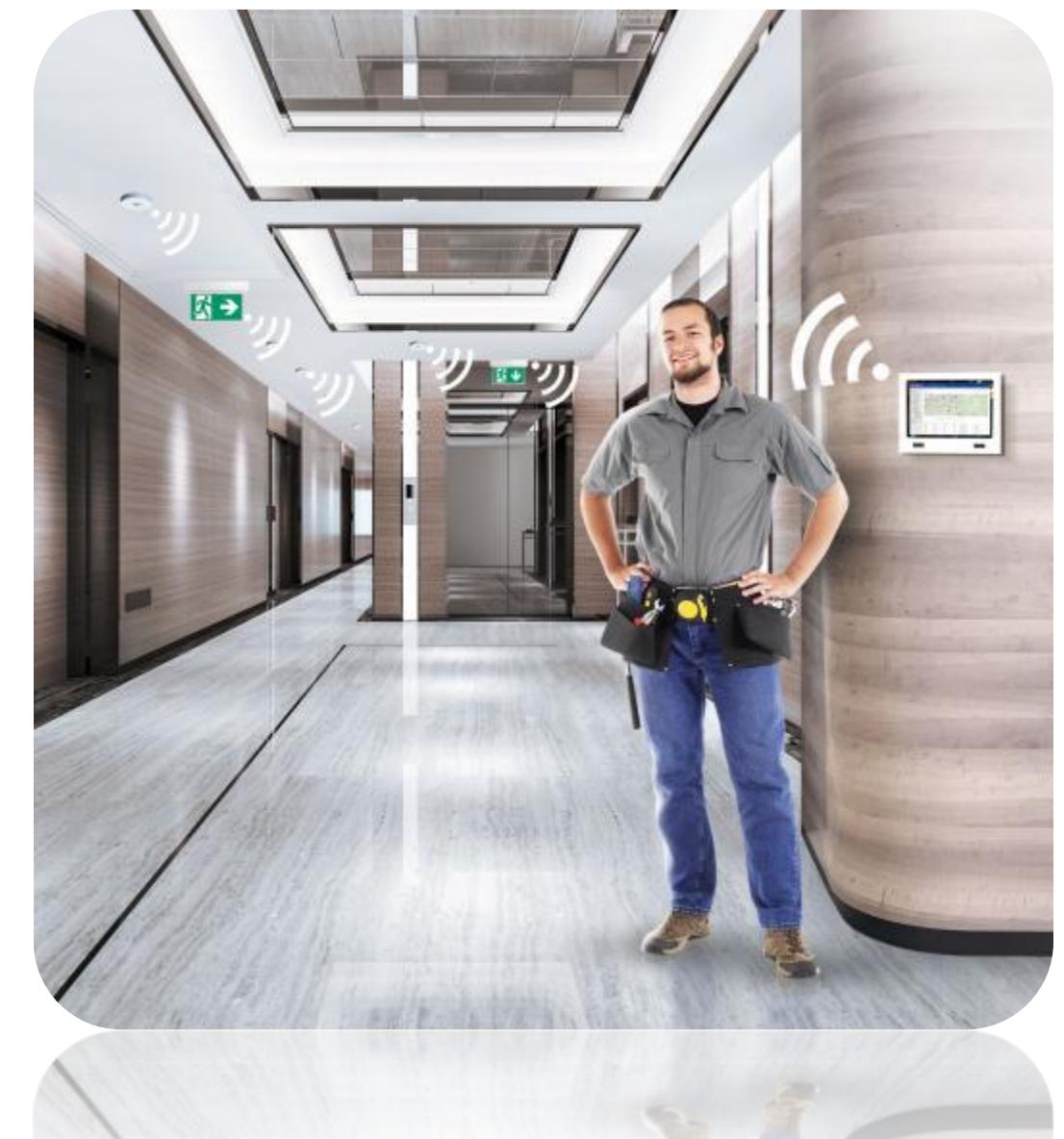
## Wireless Professional-System Benefits

- ✓ Reduced installation costs
- ✓ Reduced operational costs
- ✓ Realtime notifications of system changes
- ✓ Simplified reporting with cloud-based log
- ✓ Always monitoring & always compliant



In this brochure, we outline how WIRELESS PROFESSIONAL Emergency Lighting helps you to:

- Ensure your emergency lighting is always compliant with I.S. 3217:2013+A1:2017
- Substantially reduce the cost of annual inspections
- Simplify your compliance and reporting
- Mitigate Health & Safety risk
- Visually map emergency luminaires on your floor plan



# WIRELESS PROFESSIONAL

## OUR MANUFACTURING PARTNER



For more than four decades, RP Group, a German based specialist manufacturer of emergency lighting, has been setting industry standards in building safety through innovative, design-led solutions.

As the inventor of the tapered escape sign luminaire, RP Group is recognised as one of Europe's leading emergency lighting manufacturers and was among the first to integrate energy-efficient LED technology into luminaires.

Driven by a commitment to innovation and a willingness to challenge conventional boundaries, RP Group aligns seamlessly with Entek's vision. Our partnership is built on a shared focus on delivering intelligent, high-quality, and sustainable emergency lighting solutions for modern buildings.

**Discover how Entek and RP Group can enhance safety and performance in your next project. Get in touch with our team today.**

### RP GROUP IN NUMBERS



5

TIME CERTIFIED QUALITY



5

YEARS WARRANTY



12,000

WIRELESS SYSTEMS SOLD SINCE 2015



53

OWN PATENTS



15,000

m<sup>2</sup> PRODUCTION SPACE



5,000

m<sup>2</sup> STORAGE SPACE



3

DESIGN AWARDS

# WIRELESS PROFESSIONAL SYSTEM OVERVIEW

Wireless Professional makes controlling and monitoring self-contained emergency lighting simple and efficient. Installation is quick and straightforward, requiring only a standard 230V AC power supply for each luminaire. Once installed, the wireless system automatically establishes communication for monitoring and control.

Wireless Professional operates as a mesh-based wireless system, allowing each luminaire to communicate with neighbouring luminaires as well as the system controller. This intelligent network ensures that data is always routed through the most reliable path, automatically finding an alternative route back to the controller if a direct connection is unavailable.

Each luminaire communicates using the European-approved 868 MHz frequency, continuously reporting its own status and the status of other luminaires within the network. With an indoor range of 30 metres and strong signal penetration, the system maintains reliable communication even through reinforced concrete floors between levels.

The wireless system supports up to 1,000 devices per central control unit, including all luminaires, repeaters, and I/O modules connected to the system. Standard features include integrated timer functions and full network capability.

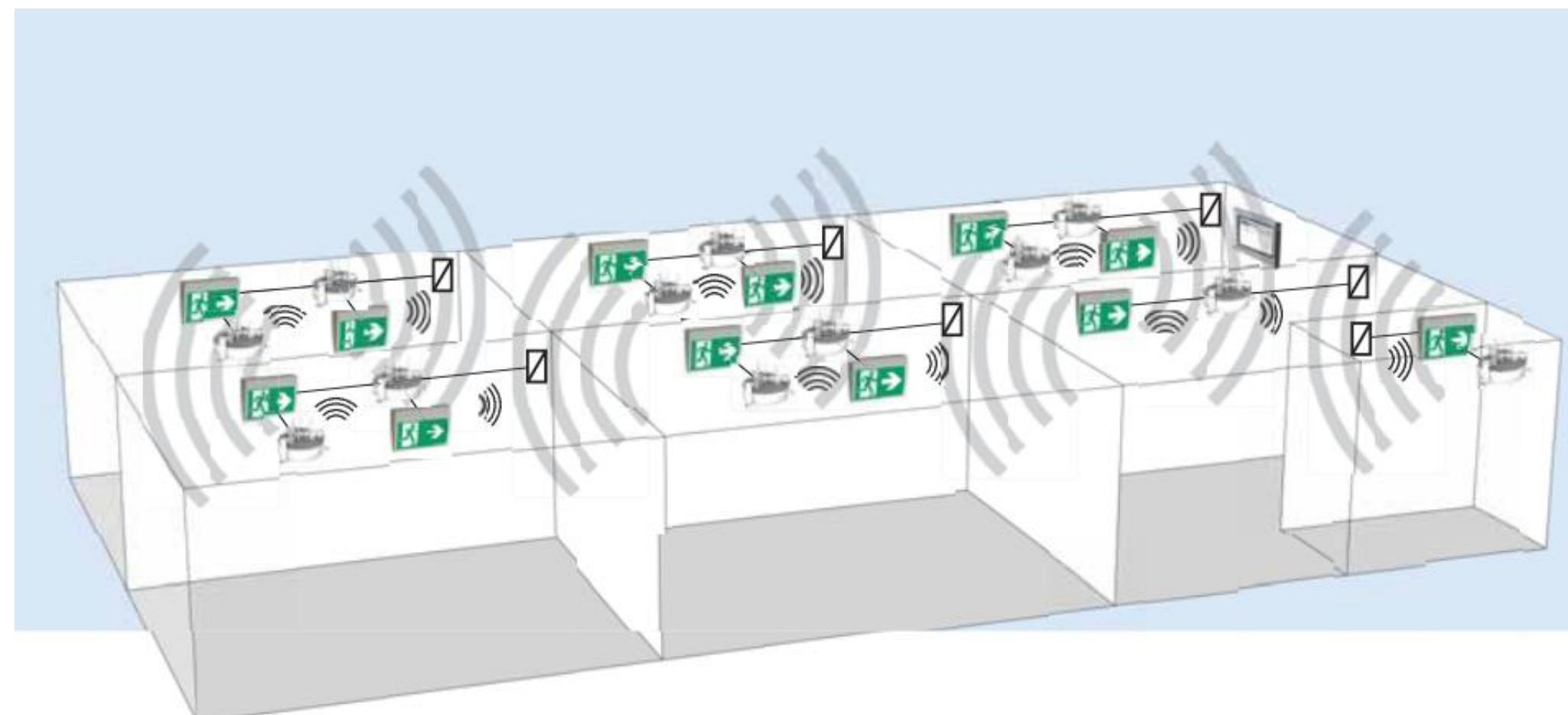
Using a self-organising, mesh network, each luminaire automatically communicates with all reachable nodes, including other luminaires, repeaters, and the central control unit. This intelligent structure ensures reliable communication without manual configuration.

For larger installations or multi-site campus installations multiple central control units can be networked together over a LAN using additional equipment. This allows the system to scale far beyond a single network, supporting up to 50,000 luminaires across a connected system.

The central unit software integrates seamlessly with existing Windows systems and supports the storage of detailed building floor plans. Registered luminaires can be positioned on digital layouts and are displayed with real-time operational status, enabling clear system visibility and efficient management.

Wireless Professional enables remote control of luminaires via radio. Automated function and capacity tests can be scheduled at dedicated times and dates, with results securely logged for later review and email notifications issued when attention is required. Intelligent scheduling also allows emergency lighting in low-use areas to be placed into standby mode during periods such as weekends, reducing energy consumption while maintaining full safety and security compliance. Maintained luminaires can be dimmed, making the system ideal for environments where high lumen light levels may be disruptive, such as theatres, cinemas, and auditoriums.

Designed for discretion, Wireless Professional luminaires maintain a clean, architectural appearance. Even when installed in stainless steel or aluminium housings, the wireless technology operates reliably without visible antennas, ensuring performance without compromising aesthetics.



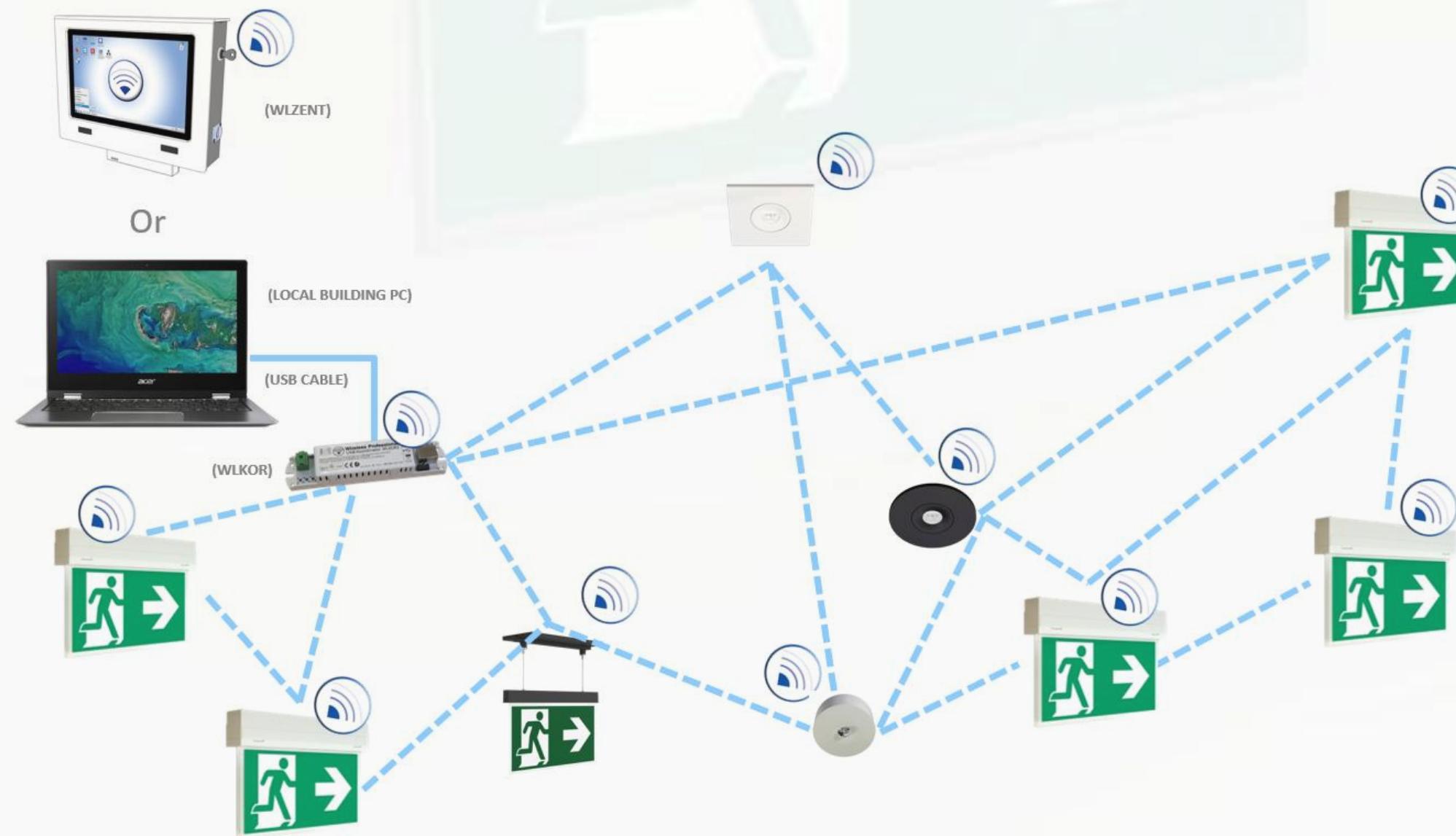
# SYSTEM DESIGN

## SINGLE BUILDING

### Typical single building application - Up to 1,000 Luminaires

Below is a typical system configuration for standalone buildings requiring fewer than 1,000 emergency luminaires. The system can be implemented using either a USB coordinator (WLKOR) connected to a locally networked PC, or a networked Linux-based touchscreen controller (WLZENT) where a central PC is not available.

If the building owner prefers to keep either device isolated from the main network, connectivity to the Lightlinx cloud can be maintained via a third-party 4G or 5G network service, provided by others. This enables remote reporting of system status changes and automated test results without direct integration into the primary network.

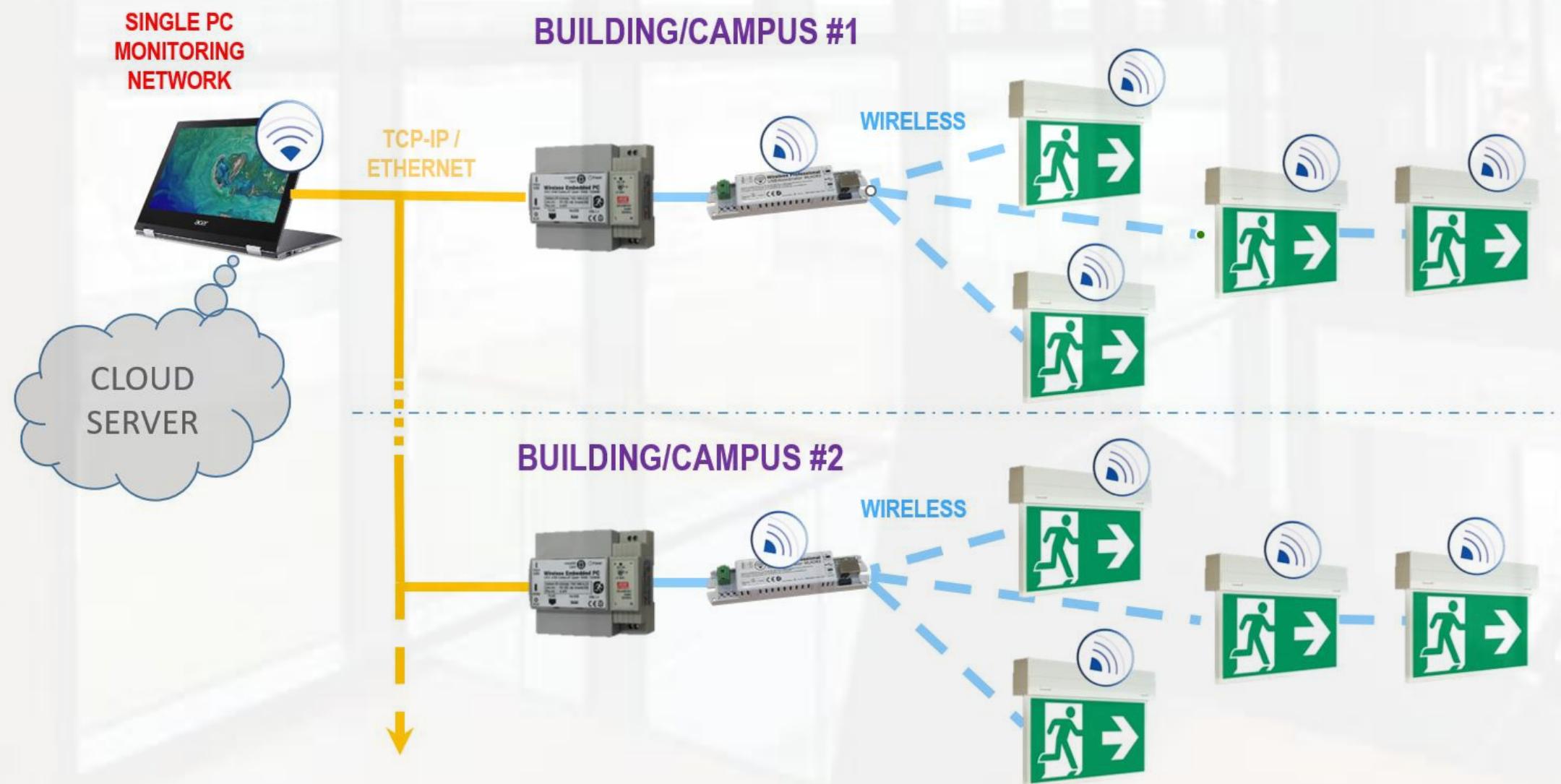


### Typical large building or campus application - Up to 50,000 Luminaires

Below is a typical system configuration for large or campus-style buildings. The system is implemented using an embedded DIN-rail-mounted Linux networked PC (WLCPC) in conjunction with a local USB coordinator (WLKOR). Depending on the size and layout of a large building, one or multiple WLCPC units may be deployed.

Each WLCPC is connected to the local area network and is centrally accessible via a designated PC, which also provides secure access to the Lightlinx cloud server for system monitoring, reporting, and management.

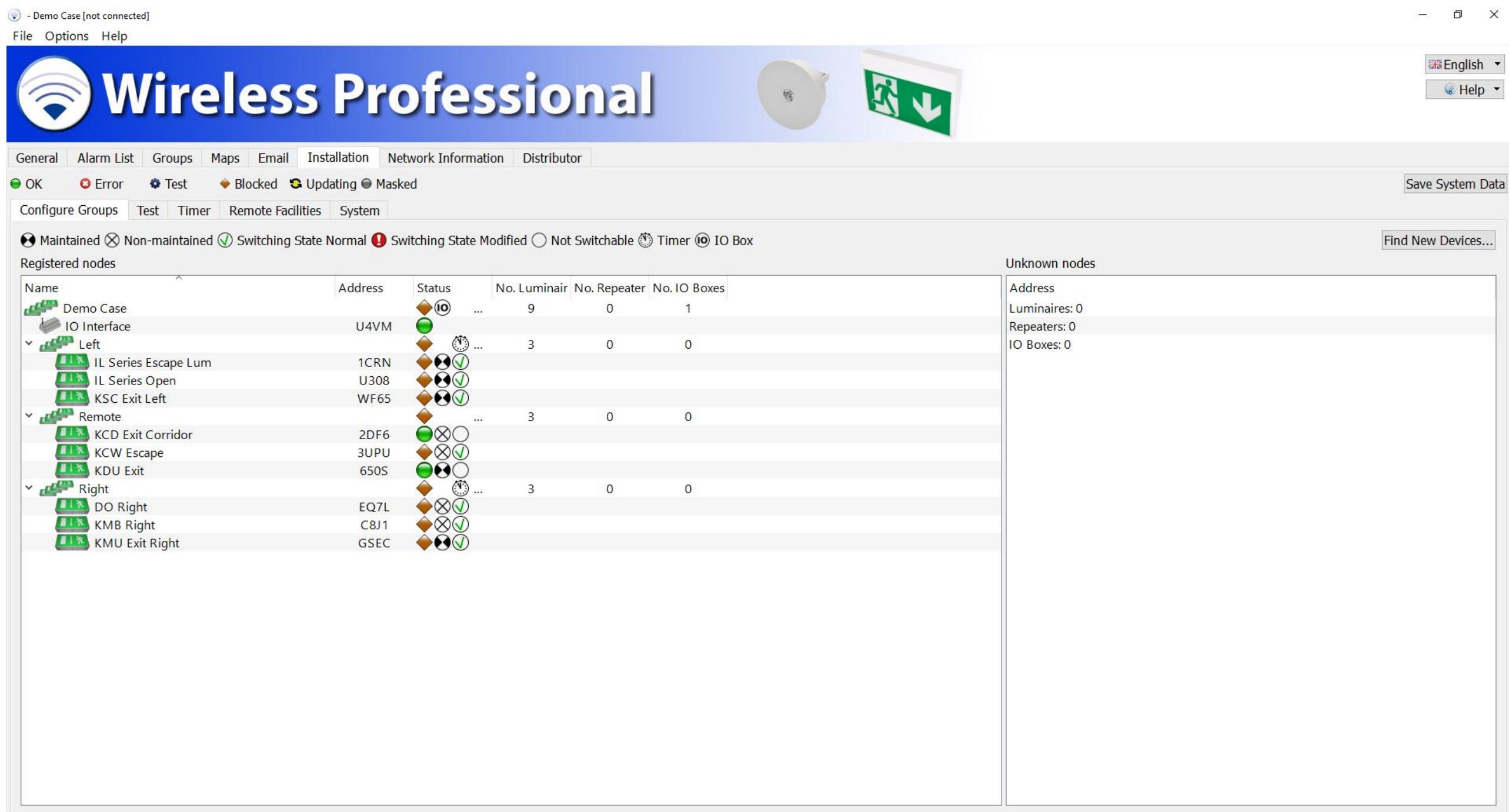
If the building owner prefers to keep either device isolated from the main network, connectivity to the Lightlinx cloud can instead be maintained through a third-party 4G or 5G network service, provided by others. This approach allows remote reporting of system status changes and automated test results without direct integration into the primary network.



# WIRELESS PROFESSIONAL FLOOR CONFIGURATION

Once the luminaires are installed and powered, a system scan is performed to automatically identify all wireless emergency luminaires within range. Each luminaire is supplied with a unique address, with one label fitted to the luminaire and a second label provided for use during floor plan mapping.

The system scan displays both the luminaire type and its unique address. Within the Wireless Professional software, luminaires can then be assigned to specific locations and named by the installer, with the option to manually rename units at any time. This interface also provides clear status information, including whether the luminaire is maintained or non-maintained, any active timers, and the current switching state.



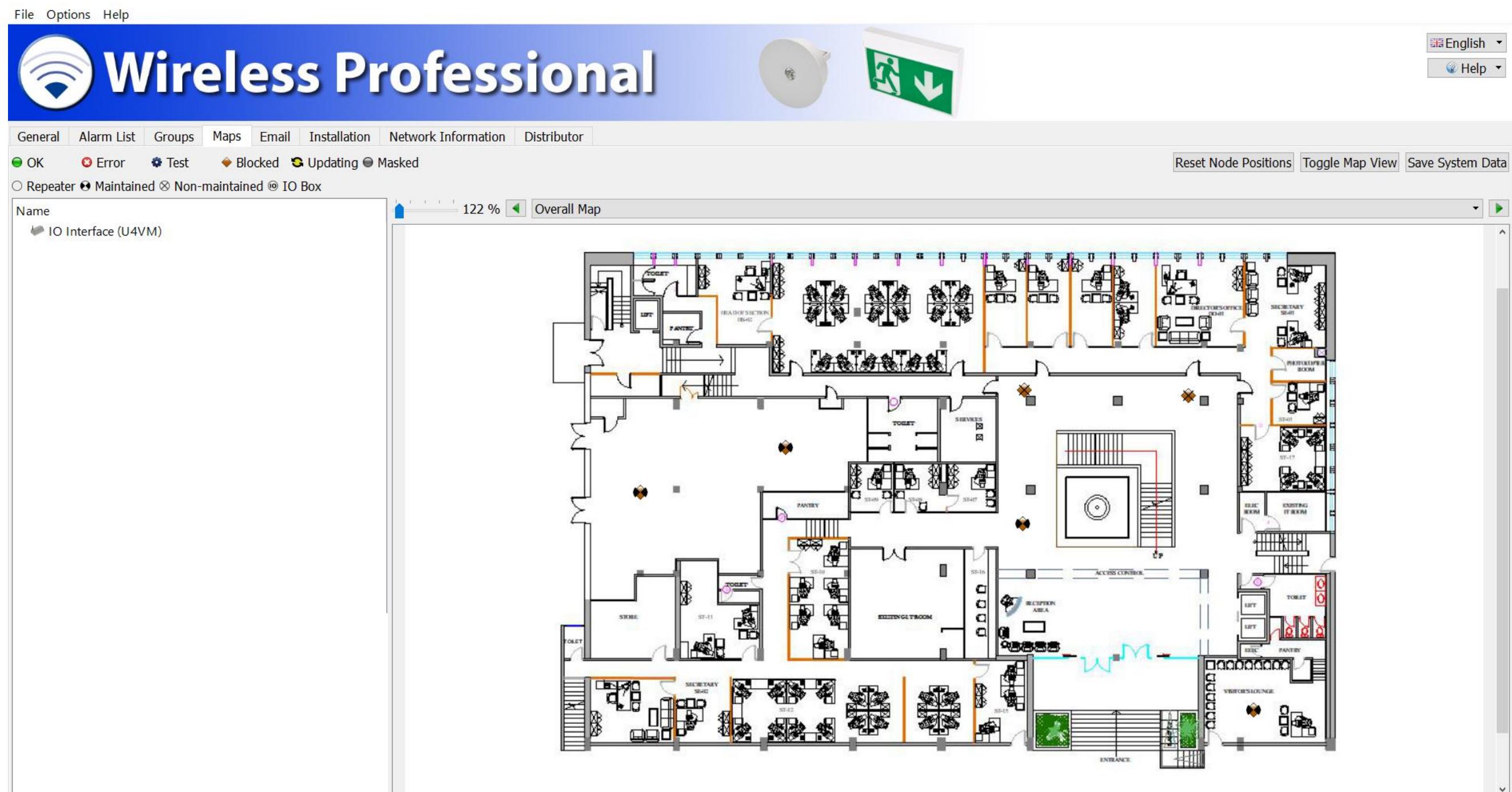
The screenshot shows the Wireless Professional software interface. The title bar reads "Wireless Professional". The menu bar includes "File", "Options", and "Help". The top right corner shows language and help buttons. The main window has a toolbar with icons for General, Alarm List, Groups, Maps, Email, Installation, Network Information, and Distributor. Status indicators include OK, Error, Test, Blocked, Updating, and Masked. A "Save System Data" button is also present. The "Installation" tab is selected. The left side shows a tree view of "Registered nodes" with categories like "Demo Case", "IO Interface", "Left", "Remote", and "Right", each containing sub-nodes with icons representing different luminaire types. The right side shows an "Unknown nodes" section with a table for "Address", "Luminaires: 0", "Repeaters: 0", and "IO Boxes: 0".

Name	Address	Status	No. Luminair	No. Repeater	No. IO Boxes
Demo Case	U4VM	IO	9	0	1
IO Interface		OK	3	0	0
Left	1CRN	Normal	3	0	0
IL Series Escape Lum	U308	Normal	3	0	0
IL Series Open	WF65	Normal	3	0	0
KSC Exit Left		Normal	3	0	0
Remote	2DF6	Normal	3	0	0
KCD Exit Corridor	3UPU	Normal	3	0	0
KCW Escape	650S	Normal	3	0	0
KDU Exit		Normal	3	0	0
Right	EQ7L	Normal	3	0	0
DO Right	C8J1	Normal	3	0	0
KMB Right		Normal	3	0	0
KMU Exit Right	GSEC	Normal	3	0	0

# WIRELESS PROFESSIONAL FLOOR MAPPING

Once all luminaires have been scanned and correctly labelled, a JPEG floor plan can be uploaded into the Wireless Professional software. The installer can then drag and position each luminaire onto its correct location, creating a clear visual representation of both the floor layout and live system status.

If a fault occurs, the affected luminaire can be quickly identified on the floor plan, allowing issues to be resolved efficiently and with minimal downtime and cost to the end user.



# WIRELESS PROFESSIONAL

## AUTOMATIC EMAIL REPORTING

Upon completion of a scheduled function or capacity test, or in the event of a change in system status such as a power failure, the system automatically issues an email notification via the Lightlinx cloud to the appointed building manager.

This ensures that key stakeholders are kept fully informed of the status of the emergency lighting system at all times rather than after an engineer's inspection, which is often the case.

By providing timely alerts and clear reporting, any issues identified can be addressed quickly and efficiently, supporting proactive maintenance, minimising disruption, and maintaining ongoing compliance with safety requirements.

**LIGHTLINX®**

**One or More Events Have Occurred**

Project: [ENTEK TEST - PROFESSIONAL](#), Wireless Professional

Last Updated: 7/2/2025 7:16:27 AM

Monitoring Profile: PETER PROFESSIONAL

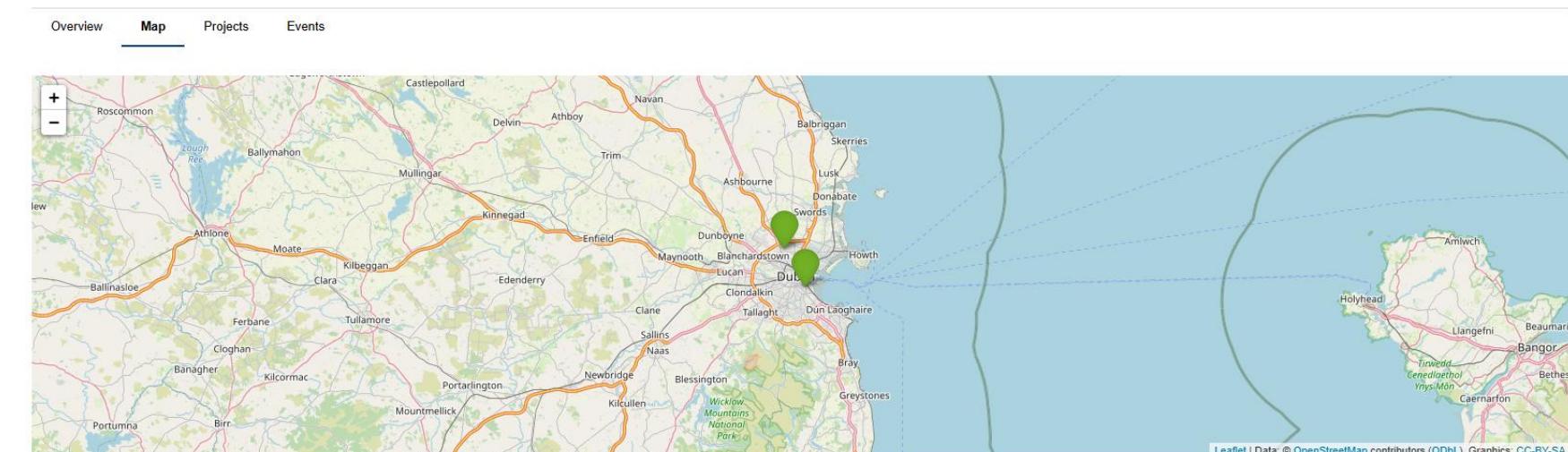
Opportunity: Event notification (see event list below)

Email Created: 7/2/2025 7:17:02 AM

**Events**

7/1/2025 4:10:55 PM	WirelessProfessionalCentral	System shutting down
7/1/2025 4:07:35 PM	WirelessProfessionalCentral	Group changes switching state via PC program (on)
7/1/2025 4:07:35 PM	WirelessProfessionalCentral	Group changes switching state via PC program (off)
7/1/2025 4:07:00 PM	—	A notification email was sent to <a href="mailto:INFO@ENTEK.IE">INFO@ENTEK.IE</a> due to the occurrence of monitored events (monitoring profile name: PETER PROFESSIONAL)
7/1/2025 4:04:46 PM	WirelessProfessionalCentral	System Finished Test
7/1/2025 4:04:38 PM	Wall Mount Box	Luminaire finishes function test
7/1/2025 4:04:36 PM	Ceiling Spot	Luminaire finishes function test

You are receiving this email because one or more alert conditions have been met in the monitoring profile "PETER PROFESSIONAL". You can [configure monitoring profiles in LIGHTLINX](#). All times in this email are in Coordinated Universal Time (UTC).



**LIGHTLINX**

# WIRELESS PROFESSIONAL MULTI BUILDING MANAGEMENT

For facilities management teams responsible for multi-building or campus environments, the Lightlinx cloud software provides a centralised platform for overseeing multiple sites simultaneously. Users can monitor the real-time status of emergency lighting systems across all connected buildings from a single interface, ensuring full visibility and control.

The system continuously provides live status updates and clearly highlights any faults or irregularities as they occur, enabling rapid response and proactive maintenance. This approach reduces downtime, improves compliance, and supports efficient management of large or geographically distributed estates.

# LIGHTLINX



# WIRELESS PROFESSIONAL LUMINAIRE OPTIONS

A comprehensive escape lighting solution is essential to modern building safety, delivering confidence, clarity, and compliance when it matters most. The Wireless Professional portfolio offers a complete range of emergency luminaires designed to meet all escape lighting requirements while complementing the architectural intent of the space.

The range includes solutions for:

- **Escape route lighting** to clearly define corridors, stairways, and passageways, guiding occupants safely to exits during power failure
- **Exit sign lighting** to ensure escape signage always remains highly visible and easily identifiable
- **Open area or anti-panic lighting** to provide uniform illumination in large spaces, reducing disorientation and supporting safe movement
- **High-risk task area lighting** to enable critical shutdown procedures in hazardous environments prior to evacuation
- **Stairway and level change lighting** to enhance visibility at steps, ramps, and changes in floor level, reducing the risk of accidents

Beyond its advanced wireless monitoring, automated testing, and reporting capabilities, Wireless Professional is available in two complementary luminaire ranges. Both ranges can work seamlessly within the same system, allowing the appropriate solution to be selected for front-of-house or back-of-house areas without compromise.

The Performance Series offers clean, white luminaires designed to meet the demands of standard applications efficiently and reliably.

For projects where aesthetics are as important as performance, the Design Series delivers architectural emergency lighting solutions with a refined, high-quality finish. Ideal for premium interiors, the Design Series is available in white, anthracite, and stainless steel, allowing emergency lighting to integrate seamlessly into sophisticated architectural environments without compromise.

## PERFORMANCE SERIES



## DESIGN SERIES



# WIRELESS PROFESSIONAL

PERFORMANCE SERIES



# PERFORMANCE SERIES

## RECESSED CEILING SPOT EMERGENCY LIGHT



**Part Reference: ILEL423WL**

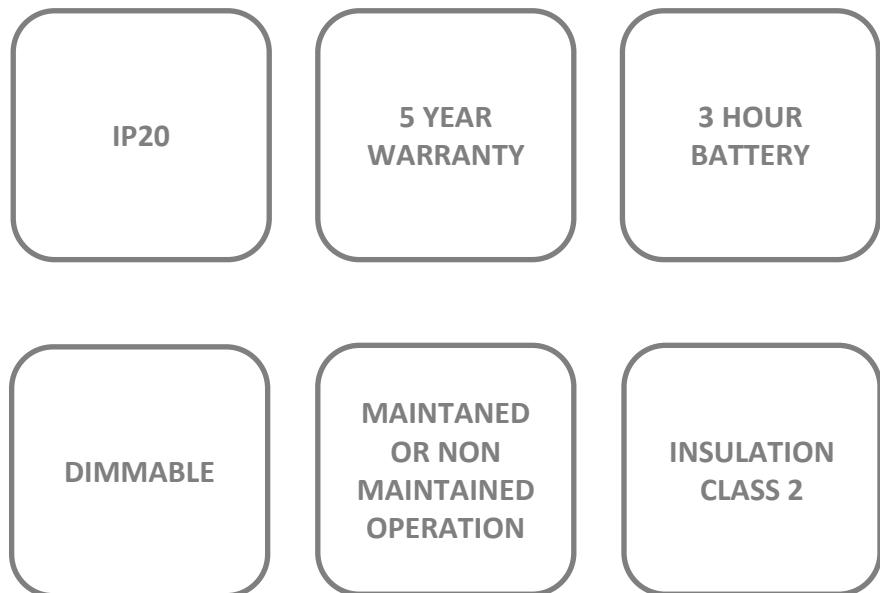
**Self-contained emergency light**

A discreet polycarbonate emergency luminaire designed for recessed ceiling installation, blending seamlessly into its surroundings.

The in-ceiling housing is quick and easy to install, secured at three points with screws. An integrated strain relief is included to safely hold the connection cables.

Power is supplied via the mains within the recessed housing. Once closed, the luminaire is energised through contact plugs, greatly simplifying installation and enabling a convenient connection despite its compact size.

An innovative integrated lens holder with a rapid-fit mechanism allows flexible use of different lens types. By selecting the appropriate lens, light distribution can be precisely tailored to the application, ensuring compliance with all relevant standards. Each luminaire is supplied with a round lens and a Hall lens, enabling optimal adaptation to the mounting environment. Optional lenses, including spotlight, beam, and H lenses, are also available upon request.



TECHNICAL DATA	
Luminaire type	Emergency Light
Mounting	Ceiling mounting
Pictograph	No
Illuminant	LED
Housing material	Polycarbonate
Housing color	White
Protection type (IP)	IP20
Impact resistance (IK)	≥ 3
Certification	WEEE, CE, 5 years warranty
Insulation class	2
Supply	Self-contained
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Battery	LiFePO4 3,2 V/3,3 Ah
Operating mode	Non-maintained or maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Power max.	3.4 W
Power maintained	2.3 W
Power non-maintained	0.4 W
Ambient Temperature	Maintained -5 °C to 30 °C / Non Maintained -5 °C to 40 °C
Depth	84 mm
Diameter	122 mm
Installation dimensions Diameter	105 mm
Connection cross-section	Up to 2.5 mm <sup>2</sup>
Switching input	Yes
Emergency light blocking	No
Battery Connection	Pluggable Connector
Dimming Function	Yes
Luminous Flux Mains	130 lm
Luminous Flux Emergency	250 lm

# PERFORMANCE SERIES

## SURFACE CEILING SPOT EMERGENCY LIGHT



**Part Reference: ILDL423WL**

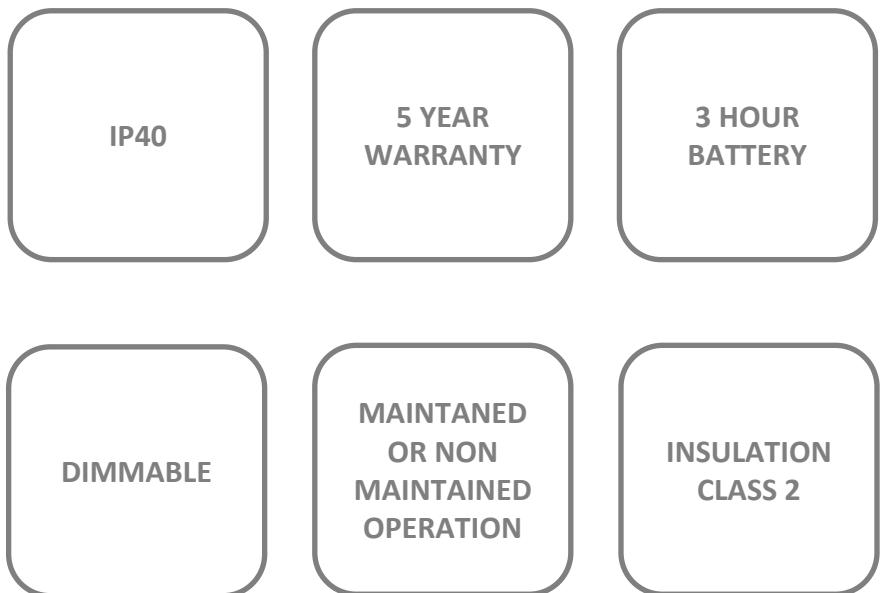
**Self-contained emergency light**

A discreet polycarbonate emergency luminaire designed for surface mounting, offering a clean, unobtrusive appearance that blends seamlessly into its environment.

The surface-mounted base is quick and simple to install and houses the mains supply terminals. The luminaire unit clips into place without tools and remains free from mains voltage when removed, ensuring safe and straightforward installation and maintenance.

An innovative integrated lens holder with a rapid-fit mechanism allows flexible use of different lens types. By selecting the appropriate lens, light distribution can be precisely tailored to the application, ensuring compliance with all relevant standards.

Each luminaire is supplied with a round lens and a hall lens, enabling optimal adaptation to the mounting environment. Optional lenses, including spotlight, beam and H lenses, are also available upon request.



TECHNICAL DATA	
Luminaire type	Emergency Light
Mounting	Ceiling mounting
Pictograph	No
Illuminant	LED
Housing material	Polycarbonate
Housing color	White
Protection type (IP)	IP40
Impact resistance (IK)	≥ 3
Certification	WEEE, CE, 5 years warranty
Insulation class	2
Supply	Self-contained
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Battery	LiFePO4 3,2 V/3,3 Ah
Operating mode	Non-maintained or maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Power max.	3.4 W
Power maintained	2.3 W
Power non-maintained	0.4 W
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C
Depth	36 mm
Diameter	100 mm
Connection cross-section	Up to 2.5 mm <sup>2</sup>
Switching input	Yes
Emergency light blocking	No
Battery Connection	Pluggable Connector
Dimming Function	Yes
Luminous Flux Mains	130 lm
Luminous Flux Emergency	250 lm

# PERFORMANCE SERIES

## CEILING OR WALL MOUNTED EMERGENCY LIGHT



IP54

5 YEAR  
WARRANTY

3 HOUR  
BATTERY

DIMMABLE

MAINTAINED  
OR NON  
MAINTAINED  
OPERATION

INSULATION  
CLASS 2

**Part Reference: KMB413WL**

**Self-contained emergency light**

A compact safety luminaire designed for universal application. The slim, rectangular polycarbonate housing is reduced to its essential form, providing a discreet and unobtrusive appearance. Integrated optics within the surround ensure effective illumination of escape and emergency routes, supporting clear guidance in critical situations.

The luminaire offers true installation flexibility, allowing for surface mounting on ceilings or recessed installation when used in conjunction with the dedicated mounting frame, part reference KME-EB. This versatility makes it suitable for a wide range of building types and layouts while maintaining a consistent and professional finish throughout.

**Flush Mounting Kit - Part Reference: KME-EB**



TECHNICAL DATA	
Luminaire type	Emergency Light
Mounting	Ceiling – Surface or Flush
Pictograph	No
Illuminant	LED
Housing material	Polycarbonate
Housing color	White
Protection type (IP)	IP54
Impact resistance (IK)	6
Certification	WEEE, CE, 5 years warranty
Insulation class	2
Supply	Self-contained
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Battery	LiFePO4 3,2 V/3,3 Ah
Operating mode	Non-maintained or maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Power max.	5.3 W
Power maintained	3.9 W
Power non-maintained	1.5 W
Ambient Temperature	Maintained -10 °C to 40 °C / Non Maintained -5 °C to 40 °C
Depth	50 mm
Height	34 mm
Width	250 mm
Connection cross-section	Up to 2.5 mm <sup>2</sup>
Switching input	Yes
Emergency light blocking	Yes
Battery Connection	Pluggable Connector
Dimming Function	Yes
Luminous Flux Mains	190 lm
Luminous Flux Emergency	190 lm

# PERFORMANCE SERIES

## CEILING OR WALL MOUNTED EMERGENCY LIGHT



IP54

5 YEAR  
WARRANTY

3 HOUR  
BATTERY

DIMMABLE

MAINTAINED  
OR NON  
MAINTAINED  
OPERATION

INSULATION  
CLASS 2

**Part Reference: KCW423WL**

**Self-contained emergency light**

A slim, convex polycarbonate luminaire with a refined, unobtrusive profile, designed to integrate seamlessly into modern buildings.

This emergency luminaire is intended for either wall or ceiling mounting and ensures a clean appearance and straightforward on-site installation.

TECHNICAL DATA	
Luminaire type	Emergency Light
Mounting	Wall or Ceiling
Pictograph	No
Illuminant	LED
Housing material	Polycarbonate
Housing color	White
Protection type (IP)	IP54
Impact resistance (IK)	6
Certification	WEEE, CE, 5 years warranty
Insulation class	2
Supply	Self-contained
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Battery	LiFePO4 3,2 V/3,3 Ah
Operating mode	Non-maintained or maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Power max.	7.5 W
Power maintained	5.7 W
Power non-maintained	0.8 W
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C
Depth	60 mm
Height	170 mm
Width	340 mm
Connection cross-section	Up to 2.5 mm <sup>2</sup>
Switching input	Yes
Emergency light blocking	Yes
Battery Connection	Pluggable Connector
Dimming Function	Yes
Luminous Flux Mains	250 lm
Luminous Flux Emergency	520 lm



IP65

5 YEAR  
WARRANTY

3 HOUR  
BATTERY

DIMMABLE

MAINTAINED  
OR NON  
MAINTAINED  
OPERATION

INSULATION  
CLASS 2

**Part Reference: PMW423WL**

**Self-contained emergency light**

A slim, convex polycarbonate luminaire with a refined, unobtrusive profile, designed to integrate seamlessly into modern buildings.

This emergency luminaire is intended for either wall or ceiling mounting and ensures a clean appearance and straightforward on-site installation.

TECHNICAL DATA	
Luminaire type	Emergency Light
Mounting	Wall or Ceiling
Pictograph	No
Illuminant	LED
Housing material	Polycarbonate
Housing color	White
Protection type (IP)	IP65
Impact resistance (IK)	6
Certification	WEEE, CE, 5 years warranty
Insulation class	2
Supply	Self-contained
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Battery	LiFePO4 3,2 V/3,3 Ah
Operating mode	Non-maintained or maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Power max.	7.5 W
Power maintained	5.7 W
Power non-maintained	0.8 W
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C
Depth	65 mm
Height	136 mm
Width	236 mm
Connection cross-section	Up to 2.5 mm <sup>2</sup>
Switching input	Yes
Emergency light blocking	Yes
Battery Connection	Pluggable Connector
Dimming Function	Yes
Luminous Flux Mains	250 lm
Luminous Flux Emergency	520 lm

# PERFORMANCE SERIES

## SURFACE EMERGENCY LIGHT



White



Anodised Aluminium

IP20

5 YEAR  
WARRANTY

3 HOUR  
BATTERY

DIMMABLE

MAINTAINED  
OR NON  
MAINTAINED  
OPERATION

INSULATION  
CLASS 2

### **Self-contained emergency light**

A round aluminium LED luminaire designed as a versatile general-purpose fitting with an integrated emergency lighting function for the illumination of escape and emergency routes.

Combining everyday lighting with dependable emergency operation, this luminaire provides a seamless solution for both normal and critical conditions. Its clean, contemporary form allows it to integrate effortlessly into a wide range of interior settings. The fitting is available in white or anodised aluminium finishes, offering flexibility to suit both neutral and architectural design schemes.

Suitable for surface mounting on walls or ceilings, the luminaire delivers consistent, efficient illumination while ensuring that escape routes remain clearly visible in the event of a power failure.

TECHNICAL DATA	
Luminaire type	Emergency Light
Mounting	Wall or Ceiling
Pictograph	No
Illuminant	LED
Housing material	Aluminium
Housing color	White / Anodised Aluminium
Protection type (IP)	IP20
Impact resistance (IK)	≥ 3
Certification	WEEE, CE, 5 years warranty
Insulation class	1
Supply	Self-contained
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Battery	LiFePO4 3,2 V/3,3 Ah
Operating mode	Non-maintained or maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Power max.	30 W
Power maintained	26.4 W
Power non-maintained	0.4 W
Ambient Temperature	Maintained -5 °C to 30 °C / Non Maintained -5 °C to 35 °C
Depth	113 mm
Diameter	395 mm
Connection cross-section	Up to 2.5 mm <sup>2</sup>
Switching input	Yes
Emergency light blocking	No
Battery Connection	Pluggable Connector
Dimming Function	Yes
Luminous flux mains	2300 lm
Luminous flux emergency	250 lm

### PART REFERENCE

WHITE

QAW423WL

ANODISED ALUMINIUM

QAW423WL-SI

# PERFORMANCE SERIES

## TWIN SPOT EMERGENCY LIGHT



IP54

5 YEAR  
WARRANTY

3 HOUR  
BATTERY

**Part Reference: SKS2103WL**

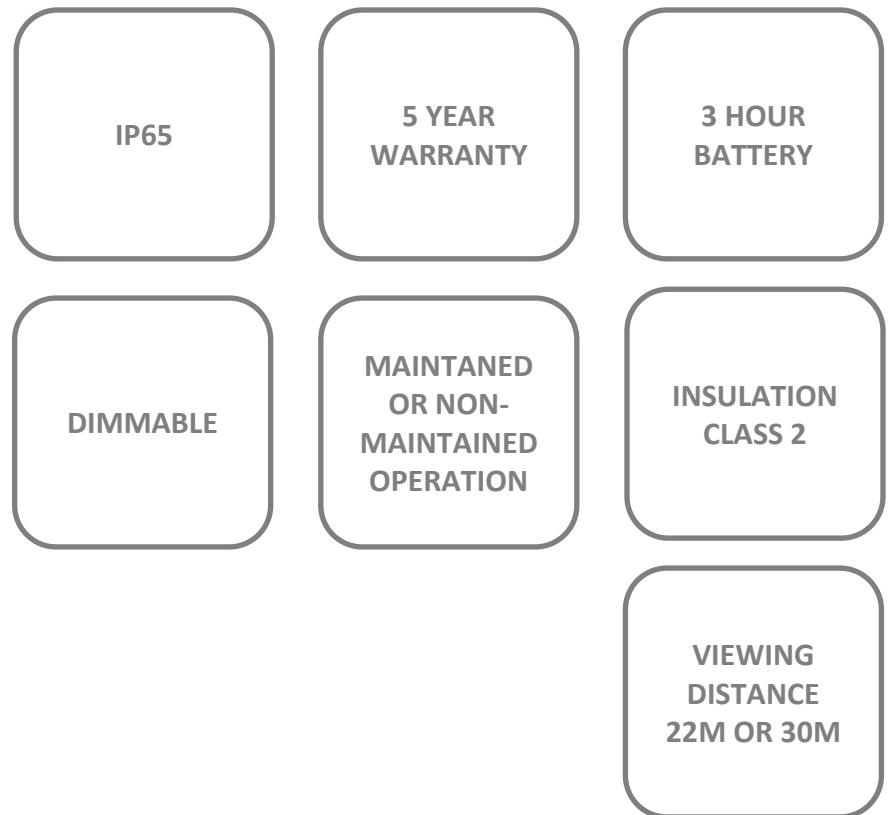
A compact twin-spot emergency floodlight featuring a robust metal housing and two independently adjustable lamp heads, providing reliable, targeted illumination in critical situations.

Designed for non-maintained operation, this unit delivers powerful emergency lighting precisely where it is required, making it ideal for escape routes, plant rooms and open areas.

Suitable for indoor use and, subject to site conditions, for external applications, the luminaire offers a durable and dependable solution across a wide range of environments.

The range is available in several sizes to suit different project requirements, with alternative formats and outputs available upon request.

TECHNICAL DATA	
Luminaire type	Emergency Light
Mounting	Wall
Pictograph	No
Illuminant	LED
Housing material	Metal
Housing color	Light Grey
Protection type (IP)	IP54
Impact resistance (IK)	≥3
Certification	WEEE, CE, 5 years warranty
Insulation class	1
Supply	Self-contained
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Battery	AGM - OGIV 12V 12 V/7 Ah
Operating mode	Non-maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Power max.	11.5 W
Power non-maintained	9.2 W
Ambient Temperature	Non Maintained -5 °C to 40 °C
Depth	120 mm
Height	300 mm
Width	300 mm
Connection cross-section	Up to 2.5 mm <sup>2</sup>
Switching input	No
Emergency light blocking	No
Battery Connection	Clip
Dimming Function	No
Luminous Flux Emergency	2 x 900 lm



### Self-contained emergency exit sign

A cuboid polycarbonate luminaire, reduced to its essential form for a clean and discreet appearance, with a 22-metre viewing distance for clear visibility in escape route applications. The edge for retaining the escape sign is permanently integrated, creating a compact and robust solution.

Each luminaire is fitted with modern LED light sources and offers flexibility through interchangeable pictograms. Its high level of protection allows for reliable use in damp areas and in environments subject to heavy soiling. This display-edge luminaire features integrated light distribution to ensure even illumination of the pictogram and is suitable for single or double-sided signage. On-site flexibility is ensured through tool-free insertion and replacement of pictograms, providing certainty at the planning stage.

A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down. Universal mounting allows the luminaire to be installed on either walls or ceilings.

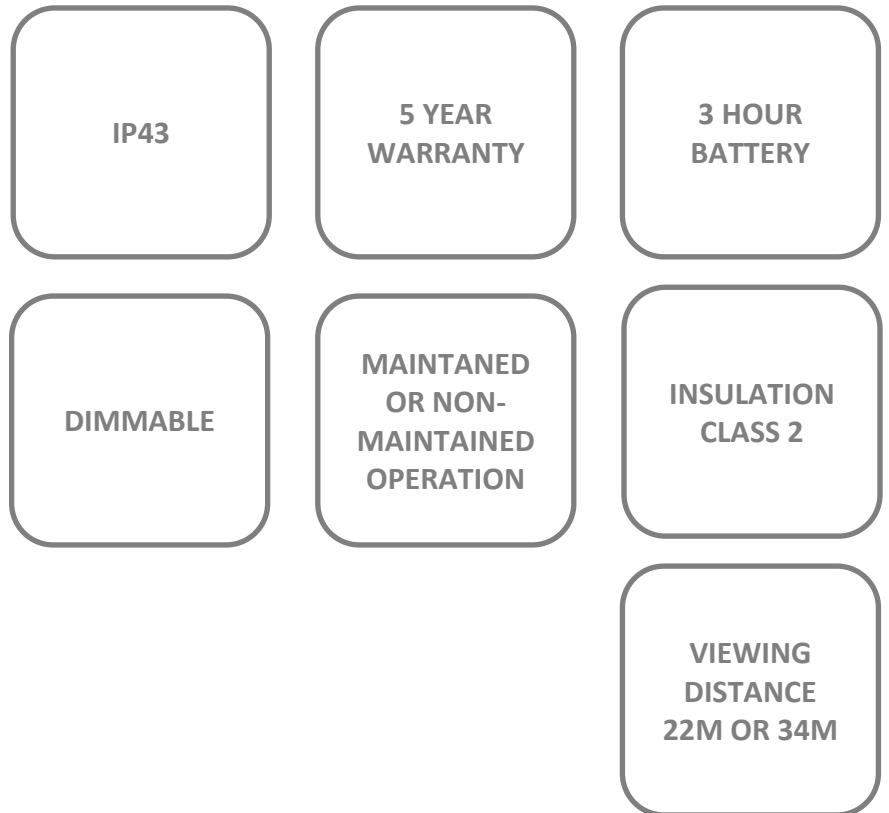
TECHNICAL DATA		
Luminaire type	Emergency Exit Sign	
Mounting	Universal (Wall, Ceiling or Suspended)	
Pictograph	Yes (Right, Left, Up & Down Included)	
Illuminant	LED	
Housing material	Polycarbonate	
Housing color	White	
Protection type (IP)	IP65	
Impact resistance (IK)	7	
Certification	WEEE, CE, 5 years warranty	
Insulation class	2	
Supply	Self-contained	
Monitoring	Wireless Professional (WL)	
Battery Duration	3 h	
Battery	LiFePO4 3,2 V/1,2 Ah	
Operating mode	Non-maintained or maintained	
Input voltage AC	230 V	
Input frequency	50 / 60 Hz	
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C	
Viewing Distance	<b>22M</b>	<b>30M</b>
Depth	50 mm	50 mm
Height	204 mm	248 mm
Width	326 mm	326 mm
Power max.	4.7 W	5.6 W
Power maintained	3.5 W	4.5 W
Power non-maintained	0.8 W	0.8 W
Connection cross-section	Up to 2.5 mm <sup>2</sup>	
Switching input	Yes	
Emergency light blocking	Yes	
Battery Connection	Pluggable Connector	
Dimming Function	Yes	

### PART REFERENCE

22M VIEWING DISTANCE	30M VIEWING DISTANCE
KAMU403WL	KAXU403WL

# PERFORMANCE SERIES

## UNIVERSAL MOUNTED BOX EXIT SIGN



### Self-contained emergency exit sign

A modern, box-style polycarbonate exit sign with a clean, unobtrusive profile, designed to integrate seamlessly into contemporary buildings.

Suitable for both ceiling and wall mounting, this emergency exit sign features internally fitted plug-in pictograms for a neat appearance and straightforward on-site installation.

Tool-free, on-site interchangeability of pictograms ensures full planning flexibility and certainty. A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down, allowing the luminaire to be easily adapted to changing escape route requirements.

Available in 22M and 34M viewing distance variants

PART REFERENCE	
22M VIEWING DISTANCE	30M VIEWING DISTANCE
KDU413WL	KLU413WL

TECHNICAL DATA		
Luminaire type	Emergency Exit Sign	
Mounting	Universal (Wall, Ceiling or Suspended)	
Pictograph	Yes (Right, Left, Up & Down Included)	
Illuminant	LED	
Housing material	Polycarbonate	
Housing color	White	
Protection type (IP)	IP43	
Impact resistance (IK)	7	
Certification	WEEE, CE, 5 years warranty	
Insulation class	2	
Supply	Self-contained	
Monitoring	Wireless Professional (WL)	
Battery Duration	3 h	
Battery	LiFePO4 3,2 V / (1,2 Ah – 22M) (1,6 Ah – 34M)	
Operating mode	Non-maintained or maintained	
Input voltage AC	230 V	
Input frequency	50 / 60 Hz	
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C	
Viewing Distance	22M	34M
Depth	70 mm	78 mm
Height	155 mm	220 mm
Width	260 mm	390 mm
Power max.	4.7 W	5.3 W
Power maintained	3.5 W	4.3 W
Power non-maintained	0.8 W	0.7 W
Luminous Flux Mains	130 lm	
Luminous Flux Emergency	250 lm	
Connection cross-section	Up to 2.5 mm <sup>2</sup>	
Switching input	Yes	
Emergency light blocking	Yes	
Battery Connection	Pluggable Connector	
Dimming Function	Yes	



IP54

5 YEAR  
WARRANTY

3 HOUR  
BATTERY

DIMMABLE

MAINTAINED  
OR NON-  
MAINTAINED  
OPERATION

INSULATION  
CLASS 2

**Part Reference: KCW413WL**

**Self-contained emergency exit sign**

A slim, convex polycarbonate luminaire with a refined, unobtrusive profile, designed to integrate seamlessly into modern buildings.

This emergency exit sign is intended for wall mounting, with the supplied plug-in pictograms fitted internally to ensure a clean appearance and straightforward on-site installation.

Tool-free, on-site interchangeability of pictograms provides full planning flexibility and certainty.

A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down, allowing the luminaire to be quickly adapted to changing escape route requirements.

TECHNICAL DATA	
Luminaire type	Emergency Exit Sign
Mounting	Wall
Pictograph	Yes (Right, Left, Up & Down Included)
Illuminant	LED
Housing material	Polycarbonate
Housing color	White
Protection type (IP)	IP54
Impact resistance (IK)	6
Certification	WEEE, CE, 5 years warranty
Insulation class	2
Supply	Self-contained
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Battery	LiFePO4 3,2 V/1,2 Ah
Operating mode	Non-maintained or maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Power max.	5.3 W
Power maintained	4.3 W
Power non-maintained	0.7 W
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C
Depth	60 mm
Height	170 mm
Width	340 mm
Connection cross-section	Up to 2.5 mm <sup>2</sup>
Switching input	Yes
Emergency light blocking	Yes
Battery Connection	Pluggable Connector
Dimming Function	Yes
Luminous Flux Mains	305 lm
Luminous Flux Emergency	180 lm

# PERFORMANCE SERIES

## WALL MOUNTED EXIT SIGN – 20M



IP65

5 YEAR  
WARRANTY

3 HOUR  
BATTERY

DIMMABLE

MAINTAINED  
OR NON-  
MAINTAINED  
OPERATION

INSULATION  
CLASS 2

**Part Reference: PMW403WL**

**Self-contained emergency exit sign**

A slim, convex polycarbonate luminaire with a refined, unobtrusive profile, designed to integrate seamlessly into modern buildings.

This emergency exit sign is intended for wall mounting, with the supplied plug-in pictograms fitted internally to ensure a clean appearance and straightforward on-site installation.

Tool-free, on-site interchangeability of pictograms provides full planning flexibility and certainty.

A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down, allowing the luminaire to be quickly adapted to changing escape route requirements.

TECHNICAL DATA	
Luminaire type	Emergency Exit Sign
Mounting	Wall
Pictograph	Yes (Right, Left, Up & Down Included)
Illuminant	LED
Housing material	Polycarbonate
Housing color	White
Protection type (IP)	IP65
Impact resistance (IK)	6
Certification	WEEE, CE, 5 years warranty
Insulation class	2
Supply	Self-contained
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Battery	LiFePO4 3,2 V/1,6 Ah
Operating mode	Non-maintained or maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Power max.	3.8 W
Power maintained	2.9 W
Power non-maintained	0.8 W
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C
Depth	65 mm
Height	136 mm
Width	236 mm
Connection cross-section	Up to 2.5 mm <sup>2</sup>
Switching input	Yes
Emergency light blocking	Yes
Battery Connection	Pluggable Connector
Dimming Function	Yes

# PERFORMANCE SERIES

## INDIVIDUAL BATTERY SUPPLY



IP54

5 YEAR  
WARRANTY

3 HOUR  
BATTERY

**Part Reference: NVGS203WL**

The individual battery supply is ideally suited to applications where non-convertible feature lighting is required to incorporate emergency operation. A range of variants is available upon request.

The self-contained power supply delivers a 230V AC sine-wave output via a two-wire system over distances of up to 500 metres, supplying one or two luminaires with fluorescent, incandescent or LED light sources at 100 percent output. It complies with DIN VDE 0108-100 and DIN EN 60598-2-22 and incorporates deep-discharge protection, switch-on lock and threshold switching.

A maintenance-free, long-life rechargeable lead battery provides reliable power, with fully electronic, time-controlled charging to extend battery life. LED status indicators display operating and fault conditions, and a built-in test button enables manual function testing.

In accordance with Irish wiring regulations, the cable between the power supply and the luminaire must be fire-rated to maintain circuit integrity in the event of a fire.

TECHNICAL DATA	
Housing material	Metal
Housing color	Light Grey
Protection type (IP)	IP54
Certification	WEEE, CE, 5 years warranty
Insulation class	1
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Operating mode	Non-maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Output Voltage	230 V
Supply Power 3 Hr	20 W
Depth	210 mm
Height	500 mm
Width	400 mm



# WIRELESS PROFESSIONAL

DESIGN SERIES

# RECESSED SQUARE & ROUND EMERGENCY LIGHT



IP20

5 YEAR WARRANTY

3 HOUR BATTERY

DIMMABLE

MAINTAINED  
OR NON  
MAINTAINED  
OPERATIONINSULATION  
CLASS 2

## **Self-contained emergency light**

A high-grade zinc-aluminium safety luminaire designed for recessed ceiling installation.

Its compact form allows installation within a standard 68 mm ceiling aperture. In addition to conventional recessed mounting, the luminaire can be fitted into standard back boxes and fire-rated sockets. Fixing is simple and secure, using either tension springs or a screw connection to the mounting box.

An innovative integrated lens holder with a rapid-fit mechanism enables flexible use of a range of lens types. By selecting the appropriate lens, light distribution can be precisely matched to the application, ensuring compliance with all relevant standards. Each luminaire is supplied with a round lens and a hall lens for optimum adaptability on site. Optional lenses, including spotlight, beam and H lenses, are also available. Also available in Anthracite upon request.

TECHNICAL DATA	
Luminaire type	Emergency Light
Mounting	Ceiling
Pictograph	No
Illuminant	LED
Housing material	High-grade zinc-aluminium
Housing color	White / Anthracite
Protection type (IP)	IP20
Impact resistance (IK)	≥ 3
Certification	WEEE, CE, 5 years warranty
Insulation class	2
Supply	Self-contained
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Battery	LiFePO4 3,2 V/1,2 Ah
Operating mode	Non-maintained or maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Power max.	6.4 W
Power maintained	5.1 W
Power non-maintained	0.8 W
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C
Depth	4 mm
Diameter	88 mm
Installation Diameter	68 mm
Connection cross-section	Up to 2.5 mm <sup>2</sup>
Switching input	Yes
Emergency light blocking	No
Battery Connection	Pluggable Connector
Dimming Function	Yes
Luminous Flux Mains	470 lm
Luminous Flux Emergency	195 lm

## PART REFERENCE

WHITE SQUARE	WHITE ROUND	ANTHRACTITE SQUARE	ANTHRACTITE ROUND
EEQL433WL	EERL433WL	EEQL433WL-AZ	EERL433WL-AZ



IP40

5 YEAR  
WARRANTY

3 HOUR  
BATTERY

DIMMABLE

MAINTAINED  
OR NON  
MAINTAINED  
OPERATION

INSULATION  
CLASS 2

### Self-contained emergency light

An LED safety luminaire designed for surface mounting on ceilings, providing reliable illumination of escape and emergency routes.

The discreet zinc-aluminium housing integrates unobtrusively with the ceiling. As the status LED is positioned within the lens, the clean appearance of the luminaire remains uninterrupted. The combination of diffuser optics and high-performance LED ERT technology ensures optimal light distribution and effective escape route illumination.

An innovative integrated lens holder with a rapid-fit mechanism allows flexible use of a range of lens types to suit specific applications. Each luminaire is supplied with a round lens and a hall lens, enabling precise adaptation to the mounting environment. Optional lenses, including spotlight, beam and H lenses, are also available to meet individual project requirements. Also available in Anthracite upon request.

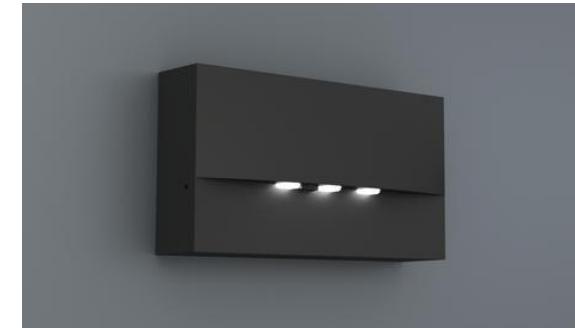
TECHNICAL DATA	
Luminaire type	Emergency Light
Mounting	Ceiling
Pictograph	No
Illuminant	LED
Housing material	High-grade zinc-aluminium
Housing color	White / Anthracite
Protection type (IP)	IP40
Impact resistance (IK)	≥ 3
Certification	WEEE, CE, 5 years warranty
Insulation class	2
Supply	Self-contained
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Battery	LiFePO4 3,2 V/3,3 Ah
Operating mode	Non-maintained or maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Power max.	3.4 W
Power maintained	2.3 W
Power non-maintained	0.4 W
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C
Depth	39 mm
Diameter	104 mm
Installation Diameter	104 mm
Connection cross-section	Up to 2.5 mm <sup>2</sup>
Switching input	Yes
Emergency light blocking	No
Battery Connection	Pluggable Connector
Dimming Function	Yes
Luminous Flux Mains	250 lm
Luminous Flux Emergency	130 lm

### PART REFERENCE

WHITE SQUARE	WHITE ROUND	ANTHRACITE SQUARE	ANTHRACITE ROUND
EAQL433WL	EARL433WL	EAQL433WL-AZ	EARL433WL-AZ



White



Anthracite



Stainless Steel



IP20



5 YEAR  
WARRANTY



3 HOUR  
BATTERY



DIMMABLE



MAINTAINED  
OR NON  
MAINTAINED  
OPERATION



INSULATION  
CLASS 2

### ***Self-contained emergency light***

A high-grade safety luminaire manufactured from zinc die-cast, designed for surface or recessed mounting on walls to provide effective illumination of escape and emergency routes.

The optical distribution is engineered to run parallel to the wall, delivering uniform, glare-controlled light along corridors and walkways to ensure clear guidance in critical situations. In addition to its functional performance, the luminaire is available in white, anthracite and stainless-steel finishes, allowing it to complement both modern and traditional interiors.

These architectural finishes enable the fitting to enhance the visual character of a space while maintaining full compliance with emergency lighting requirements.

TECHNICAL DATA										
Luminaire type		Emergency Light								
Mounting		Wall								
Pictograph		No								
Illuminant		LED								
Housing material		Modern zinc die-cast								
Housing color		White / Anthracite / Stainless Steel								
Protection type (IP)		IP20								
Impact resistance (IK)		4								
Certification		WEEE, CE, 5 years warranty								
Insulation class		2								
Supply		Self-contained								
Monitoring		Wireless Professional (WL)								
Battery Duration		3 h								
Battery		LiFePO4 3,2 V/1,2 Ah								
Operating mode		Non-maintained or maintained								
Input voltage AC		230 V								
Input frequency		50 / 60 Hz								
Power max.		5.1 W								
Power maintained		3.9 W								
Power non-maintained		0.8 W								
Ambient Temperature		Maintained -5 °C to 35 °C / Non Maintained -5 °C to 40 °C								
Variant		<table border="1"> <tr> <td><b>Surface</b></td> <td><b>Recessed</b></td> </tr> <tr> <td>53 mm</td> <td>20 mm</td> </tr> <tr> <td>115 mm</td> <td>107 mm</td> </tr> <tr> <td>193 mm</td> <td>161 mm</td> </tr> </table>	<b>Surface</b>	<b>Recessed</b>	53 mm	20 mm	115 mm	107 mm	193 mm	161 mm
<b>Surface</b>	<b>Recessed</b>									
53 mm	20 mm									
115 mm	107 mm									
193 mm	161 mm									
Depth		Up to 2.5 mm <sup>2</sup>								
Height		Yes								
Width		Yes								
Connection cross-section		Emergency light blocking								
Switching input		Yes								
Battery Connection		Yes								
Dimming Function		Pluggable Connector								
Luminous flux mains		Yes								
Luminous flux emergency		420 lm								
		315 lm								

PART REFERENCE			
VARIANT	WHITE	ANTHRACITE	STAINLESS STEEL
SURFACE	WAF423WL	WAF423WL-AZ	WAF423WL-E
RECESSED	WEF423WL	WEF423WL-AZ	WEF423WL-E



White



Anthracite



Stainless Steel



VIEWING  
DISTANCE  
22M OR 30M



5 YEAR  
WARRANTY



3 HOUR  
BATTERY



DIMMABLE



MAINTAINED  
OR NON  
MAINTAINED  
OPERATION



INSULATION  
CLASS 2

### Self-contained emergency exit sign

A modern emergency exit sign luminaire manufactured from high-quality zinc die-cast, designed for surface wall mounting and for the clear identification of emergency and escape routes.

This luminaire forms part of the A Series family, a comprehensive range offering solutions for virtually every mounting requirement. The series has been recognised with the German Design Award for its consistent, linear design language, delivering a uniform and architecturally refined appearance throughout a building.

Tool-free, on-site interchangeability of pictograms provides full planning flexibility and long-term certainty. A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down, allowing the luminaire to be easily adapted to changing escape route layouts.

PART REFERENCE			
VIEWING DISTANCE	WHITE	ANTHRACITE	STAINLESS STEEL
22M	AMW403WL	AMW403WL-AZ	AMW403WL-E
30M	AXW403WL	AXW403WL-AZ	AXW403WL-E

TECHNICAL DATA		
Luminaire type	Emergency Exit Sign	
Mounting	Wall	
Pictograph	Yes (Right, Left, Up & Down Included)	
Illuminant	LED	
Housing material	Modern zinc die-cast	
Housing color	White / Anthracite / Stainless Steel	
Protection type (IP)	IP40	
Impact resistance (IK)	$\geq 3$	
Certification	WEEE, CE, 5 years warranty	
Insulation class	2	
Supply	Self-contained	
Monitoring	Wireless Professional (WL)	
Battery Duration	3 h	
Battery	LiFePO4 3,2 V/1,2 Ah	
Operating mode	Non-maintained or maintained	
Input voltage AC	230 V	
Input frequency	50 / 60 Hz	
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C	
Viewing Distance	22m	30m
Depth	50 mm	50 mm
Height	151 mm	194 mm
Width	236 mm	312 mm
Power max.	4.7 W	5.6 W
Power maintained	3.5 W	4.5 W
Power non-maintained	0.8 W	0.8 W
Connection cross-section	Up to 2.5 mm <sup>2</sup>	
Switching input	Yes	
Emergency light blocking	Yes	
Battery Connection	Pluggable Connector	
Dimming Function	Yes	

## RECESSED WALL MOUNTED EXIT SIGN



White



Anthracite



Stainless Steel



VIEWING  
DISTANCE  
22M OR 30M



5 YEAR  
WARRANTY



3 HOUR  
BATTERY



DIMMABLE



MAINTAINED  
OR NON  
MAINTAINED  
OPERATION



INSULATION  
CLASS 2

### **Self-contained emergency exit sign**

A modern emergency exit sign luminaire manufactured from high-quality zinc die-cast, designed for recessed wall mounting and for the clear identification of emergency and escape routes.

This luminaire forms part of the A Series family, a comprehensive range offering solutions for virtually every mounting requirement. The series has been recognised with the German Design Award for its consistent, linear design language, delivering a uniform and architecturally refined appearance throughout a building.

Tool-free, on-site interchangeability of pictograms provides full planning flexibility and long-term certainty. A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down, allowing the luminaire to be easily adapted to changing escape route layouts.

TECHNICAL DATA		
Luminaire type	Emergency Exit Sign	
Mounting	Wall	
Pictograph	Yes (Right, Left, Up & Down Included)	
Illuminant	LED	
Housing material	Modern zinc die-cast	
Housing color	White / Anthracite / Stainless Steel	
Protection type (IP)	IP40	
Impact resistance (IK)	$\geq 3$	
Certification	WEEE, CE, 5 years warranty	
Insulation class	2	
Supply	Self-contained	
Monitoring	Wireless Professional (WL)	
Battery Duration	3 h	
Battery	LiFePO4 3,2 V/1,2 Ah	
Operating mode	Non-maintained or maintained	
Input voltage AC	230 V	
Input frequency	50 / 60 Hz	
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C	
Viewing Distance	22m	30m
Depth	80 mm	80 mm
Height	151 mm	238 mm
Width	236 mm	312 mm
Power max.	4.7 W	5.6 W
Power maintained	3.5 W	4.5 W
Power non-maintained	0.8 W	0.8 W
Connection cross-section	Up to 2.5 mm <sup>2</sup>	
Switching input	Yes	
Emergency light blocking	Yes	
Battery Connection	Pluggable Connector	
Dimming Function	Yes	

PART REFERENCE			
VIEWING DISTANCE	WHITE	ANTHRACITE	STAINLESS STEEL
22M	AMR403WL	AMR403WL-AZ	AMR403WL-E
30M	AXR403WL	AXR403WL-AZ	AXR403WL-E



White



Anthracite



Stainless Steel



VIEWING  
DISTANCE  
22M OR 30M



5 YEAR  
WARRANTY



3 HOUR  
BATTERY



DIMMABLE



MAINTAINED  
OR NON  
MAINTAINED  
OPERATION



INSULATION  
CLASS 2

### Self-contained emergency exit sign

A modern emergency exit sign luminaire manufactured from high-quality zinc die-cast, designed for ceiling surface mounting and for the clear identification of emergency and escape routes.

This luminaire forms part of the A Series family, a comprehensive range offering solutions for virtually every mounting requirement. The series has been recognised with the German Design Award for its consistent, linear design language, delivering a uniform and architecturally refined appearance throughout a building.

Tool-free, on-site interchangeability of pictograms provides full planning flexibility and long-term certainty. A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down, allowing the luminaire to be easily adapted to changing escape route layouts.

TECHNICAL DATA		
Luminaire type	Emergency Exit Sign	
Mounting	Wall	
Pictograph	Yes (Right, Left, Up & Down Included)	
Illuminant	LED	
Housing material	Modern zinc die-cast	
Housing color	White / Anthracite / Stainless Steel	
Protection type (IP)	IP40	
Impact resistance (IK)	$\geq 3$	
Certification	WEEE, CE, 5 years warranty	
Insulation class	2	
Supply	Self-contained	
Monitoring	Wireless Professional (WL)	
Battery Duration	3 h	
Battery	LiFePO4 3,2 V/1,2 Ah	
Operating mode	Non-maintained or maintained	
Input voltage AC	230 V	
Input frequency	50 / 60 Hz	
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C	
Viewing Distance	22m	30m
Depth	80 mm	80 mm
Height	151 mm	230 mm
Width	236 mm	312 mm
Power max.	4.7 W	5.6 W
Power maintained	3.5 W	4.5 W
Power non-maintained	0.8 W	0.8 W
Connection cross-section	Up to 2.5 mm <sup>2</sup>	
Switching input	Yes	
Emergency light blocking	Yes	
Battery Connection	Pluggable Connector	
Dimming Function	Yes	

PART REFERENCE			
VIEWING DISTANCE	WHITE	ANTHRACITE	STAINLESS STEEL
22M	AMD403WL	AMD403WL-AZ	AMD403WL-E
30M	AXD403WL	AXD403WL-AZ	AXD403WL-E

## RECESSED CEILING MOUNTED EXIT SIGN



White



Anthracite



Stainless Steel

VIEWING  
DISTANCE  
22M OR 30M

5 YEAR  
WARRANTY

3 HOUR  
BATTERY

DIMMABLE

MAINTAINED  
OR NON  
MAINTAINED  
OPERATION

INSULATION  
CLASS 2

### Self-contained emergency exit sign

A modern emergency exit sign luminaire manufactured from high-quality zinc die-cast, designed for ceiling recessed mounting and for the clear identification of emergency and escape routes.

This luminaire forms part of the A Series family, a comprehensive range offering solutions for virtually every mounting requirement. The series has been recognised with the German Design Award for its consistent, linear design language, delivering a uniform and architecturally refined appearance throughout a building.

Tool-free, on-site interchangeability of pictograms provides full planning flexibility and long-term certainty. A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down, allowing the luminaire to be easily adapted to changing escape route layouts.

### PART REFERENCE

VIEWING DISTANCE	WHITE	ANTHRACITE	STAINLESS STEEL
22M	AME403WL	AME403WL-AZ	AME403WL-E
30M	AXE403WL	AXE403WL-AZ	AXE403WL-E

TECHNICAL DATA		
Luminaire type	Emergency Exit Sign	
Mounting	Wall	
Pictograph	Yes (Right, Left, Up & Down Included)	
Illuminant	LED	
Housing material	Modern zinc die-cast	
Housing color	White / Anthracite / Stainless Steel	
Protection type (IP)	IP40	
Impact resistance (IK)	≥ 3	
Certification	WEEE, CE, 5 years warranty	
Insulation class	2	
Supply	Self-contained	
Monitoring	Wireless Professional (WL)	
Battery Duration	3 h	
Battery	LiFePO4 3,2 V/1,2 Ah	
Operating mode	Non-maintained or maintained	
Input voltage AC	230 V	
Input frequency	50 / 60 Hz	
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C	
Viewing Distance	22m	30m
Depth	79 mm	79 mm
Height	194 mm	194 mm
Width	236 mm	312 mm
Power max.	4.7 W	5.6 W
Power maintained	3.5 W	4.5 W
Power non-maintained	0.8 W	0.8 W
Diameter Hole	68 mm	
Connection cross-section	Up to 2.5 mm <sup>2</sup>	
Switching input	Yes	
Emergency light blocking	Yes	
Battery Connection	Pluggable Connector	
Dimming Function	Yes	

## SURFACE SUSPENDED CEILING MOUNTED EXIT SIGN



White



Anthracite



Stainless Steel



### Self-contained emergency exit sign

A modern emergency exit sign luminaire manufactured from high-quality zinc die-cast, designed for surface suspended ceiling mounting and for the clear identification of emergency and escape routes.

This luminaire forms part of the A Series family, a comprehensive range offering solutions for virtually every mounting requirement. The series has been recognised with the German Design Award for its consistent, linear design language, delivering a uniform and architecturally refined appearance throughout a building.

Tool-free, on-site interchangeability of pictograms provides full planning flexibility and long-term certainty. A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down, allowing the luminaire to be easily adapted to changing escape route layouts.

### PART REFERENCE

VIEWING DISTANCE	WHITE	ANTHRACITE	STAINLESS STEEL
22M	AMDC403WL	AMDC403WL-AZ	AMDC403WL-E
30M	AXDC403WL	AXDC403WL-AZ	AXDC403WL-E

TECHNICAL DATA		
Luminaire type	Emergency Exit Sign	
Mounting	Wall	
Pictograph	Yes (Right, Left, Up & Down Included)	
Illuminant	LED	
Housing material	Modern zinc die-cast	
Housing color	White / Anthracite / Stainless Steel	
Protection type (IP)	IP40	
Impact resistance (IK)	$\geq 3$	
Certification	WEEE, CE, 5 years warranty	
Insulation class	2	
Supply	Self-contained	
Monitoring	Wireless Professional (WL)	
Battery Duration	3 h	
Battery	LiFePO4 3,2 V/1,2 Ah	
Operating mode	Non-maintained or maintained	
Input voltage AC	230 V	
Input frequency	50 / 60 Hz	
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C	
Viewing Distance	22m	30m
Depth	80 mm	80 mm
Height	194 mm	194 mm
Width	236 mm	312 mm
Power max.	4.7 W	5.6 W
Power maintained	3.5 W	4.5 W
Power non-maintained	0.8 W	0.8 W
Connection cross-section	Up to 2.5 mm <sup>2</sup>	
Switching input	Yes	
Emergency light blocking	Yes	
Battery Connection	Pluggable Connector	
Dimming Function	Yes	

## RECESSED SUSPENDED CEILING MOUNTED EXIT SIGN



White



Anthracite



Stainless Steel



VIEWING  
DISTANCE  
22M OR 30M



5 YEAR  
WARRANTY



3 HOUR  
BATTERY



DIMMABLE



MAINTAINED  
OR NON  
MAINTAINED  
OPERATION



INSULATION  
CLASS 2

### Self-contained emergency exit sign

A modern emergency exit sign luminaire manufactured from high-quality zinc die-cast, designed for recessed suspended ceiling mounting and for the clear identification of emergency and escape routes.

This luminaire forms part of the A Series family, a comprehensive range offering solutions for virtually every mounting requirement. The series has been recognised with the German Design Award for its consistent, linear design language, delivering a uniform and architecturally refined appearance throughout a building.

Tool-free, on-site interchangeability of pictograms provides full planning flexibility and long-term certainty. A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down, allowing the luminaire to be easily adapted to changing escape route layouts.

### PART REFERENCE

VIEWING DISTANCE	WHITE	ANTHRACITE	STAINLESS STEEL
22M	AMEC403WL	AMEC403WL-AZ	AMEC403WL-E
30M	AXEC403WL	AXEC403WL-AZ	AXEC403WL-E

TECHNICAL DATA		
Luminaire type	Emergency Exit Sign	
Mounting	Wall	
Pictograph	Yes (Right, Left, Up & Down Included)	
Illuminant	LED	
Housing material	Modern zinc die-cast	
Housing color	White / Anthracite / Stainless Steel	
Protection type (IP)	IP40	
Impact resistance (IK)	≥ 3	
Certification	WEEE, CE, 5 years warranty	
Insulation class	2	
Supply	Self-contained	
Monitoring	Wireless Professional (WL)	
Battery Duration	3 h	
Battery	LiFePO4 3,2 V/1,2 Ah	
Operating mode	Non-maintained or maintained	
Input voltage AC	230 V	
Input frequency	50 / 60 Hz	
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C	
Viewing Distance	22m	30m
Depth	92 mm	92 mm
Height	182 mm	225 mm
Width	236 mm	312 mm
Power max.	4.7 W	5.6 W
Power maintained	3.5 W	4.5 W
Power non-maintained	0.8 W	0.8 W
Diameter Hole	68 mm	
Connection cross-section	Up to 2.5 mm <sup>2</sup>	
Switching input	Yes	
Emergency light blocking	Yes	
Battery Connection	Pluggable Connector	
Dimming Function	Yes	

## SURFACE WALL MOUNTED FLAG EXIT SIGN



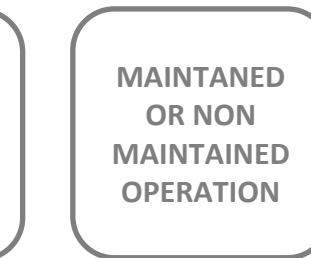
White



Anthracite



Stainless Steel



### Self-contained emergency exit sign

A modern emergency exit sign luminaire manufactured from high-quality zinc die-cast, designed for surface wall mounting and for the clear identification of emergency and escape routes.

This luminaire forms part of the A Series family, a comprehensive range offering solutions for virtually every mounting requirement. The series has been recognised with the German Design Award for its consistent, linear design language, delivering a uniform and architecturally refined appearance throughout a building.

Tool-free, on-site interchangeability of pictograms provides full planning flexibility and long-term certainty. A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down, allowing the luminaire to be easily adapted to changing escape route layouts.

TECHNICAL DATA		
Luminaire type	Emergency Exit Sign	
Mounting	Wall	
Pictograph	Yes (Right, Left, Up & Down Included)	
Illuminant	LED	
Housing material	Modern zinc die-cast	
Housing color	White / Anthracite / Stainless Steel	
Protection type (IP)	IP40	
Impact resistance (IK)	$\geq 3$	
Certification	WEEE, CE, 5 years warranty	
Insulation class	2	
Supply	Self-contained	
Monitoring	Wireless Professional (WL)	
Battery Duration	3 h	
Battery	LiFePO4 3,2 V/1,2 Ah	
Operating mode	Non-maintained or maintained	
Input voltage AC	230 V	
Input frequency	50 / 60 Hz	
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C	
Viewing Distance	22m	30m
Depth	80 mm	80 mm
Height	196 mm	229 mm
Width	334 mm	372 mm
Power max.	4.7 W	5.6 W
Power maintained	3.5 W	4.5 W
Power non-maintained	0.8 W	0.8 W
Connection cross-section	Up to 2.5 mm <sup>2</sup>	
Switching input	Yes	
Emergency light blocking	Yes	
Battery Connection	Pluggable Connector	
Dimming Function	Yes	

PART REFERENCE			
VIEWING DISTANCE	WHITE	ANTHRACITE	STAINLESS STEEL
22M	AMWA403WL	AMWA403WL-AZ	AMWA403WL-E
30M	AXWA403WL	AXWA403WL-AZ	AXWA403WL-E

## RECESSED WALL MOUNTED FLAG EXIT SIGN



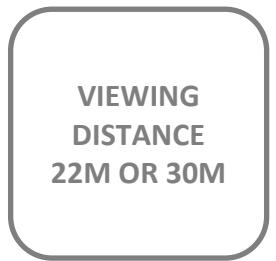
White



Anthracite



Stainless Steel



VIEWING  
DISTANCE  
22M OR 30M



5 YEAR  
WARRANTY



3 HOUR  
BATTERY



DIMMABLE



MAINTAINED  
OR NON  
MAINTAINED  
OPERATION



INSULATION  
CLASS 2

### Self-contained emergency exit sign

A modern emergency exit sign luminaire manufactured from high-quality zinc die-cast, designed for recessed wall mounting and for the clear identification of emergency and escape routes.

This luminaire forms part of the A Series family, a comprehensive range offering solutions for virtually every mounting requirement. The series has been recognised with the German Design Award for its consistent, linear design language, delivering a uniform and architecturally refined appearance throughout a building.

Tool-free, on-site interchangeability of pictograms provides full planning flexibility and long-term certainty. A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down, allowing the luminaire to be easily adapted to changing escape route layouts.

TECHNICAL DATA		
Luminaire type	Emergency Exit Sign	
Mounting	Wall	
Pictograph	Yes (Right, Left, Up & Down Included)	
Illuminant	LED	
Housing material	Modern zinc die-cast	
Housing color	White / Anthracite / Stainless Steel	
Protection type (IP)	IP40	
Impact resistance (IK)	≥ 3	
Certification	WEEE, CE, 5 years warranty	
Insulation class	2	
Supply	Self-contained	
Monitoring	Wireless Professional (WL)	
Battery Duration	3 h	
Battery	LiFePO4 3,2 V/1,2 Ah	
Operating mode	Non-maintained or maintained	
Input voltage AC	230 V	
Input frequency	50 / 60 Hz	
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C	
Viewing Distance	22m	30m
Depth	80 mm	80 mm
Height	196 mm	229 mm
Width	306 mm	344 mm
Power max.	4.7 W	5.6 W
Power maintained	3.5 W	4.5 W
Power non-maintained	0.8 W	0.8 W
Diameter Hole	68 mm	
Connection cross-section	Up to 2.5 mm <sup>2</sup>	
Switching input	Yes	
Emergency light blocking	Yes	
Battery Connection	Pluggable Connector	
Dimming Function	Yes	

PART REFERENCE			
VIEWING DISTANCE	WHITE	ANTHRACITE	STAINLESS STEEL
22M	AMRA403WL	AMRA403WL-AZ	AMRA403WL-E
30M	AXRA403WL	AXRA403WL-AZ	AXRA403WL-E



Anthracite



White



IP65



5 YEAR  
WARRANTY



3 HOUR  
BATTERY



DIMMABLE



MAINTAINED  
OR NON  
MAINTAINED  
OPERATION



INSULATION  
CLASS 2

### Self-contained emergency exit sign

A robust emergency exit sign luminaire manufactured from high-quality zinc die-cast, designed for wall mounting and the clear identification of emergency and escape routes. With an IP65 ingress protection rating and IK08 impact resistance, the luminaire is ideally suited to demanding environments, offering reliable performance in areas exposed to dust, moisture and mechanical impact.

The pictogram is mounted internally and protected behind a transparent cover, ensuring long-term clarity and durability while maintaining a clean, professional appearance.

Tool-free, on-site interchangeability of pictograms provides full planning flexibility and certainty throughout the life of the installation. A standard pictogram set in accordance with DIN ISO 7010 is supplied, including arrows pointing left, right, up and down, allowing the luminaire to be easily adapted to changing escape route layouts.

TECHNICAL DATA	
Luminaire type	Emergency Light
Mounting	Wall
Pictograph	Yes (Right, Left, Up & Down Included)
Illuminant	LED
Housing material	High-grade zinc-aluminium
Housing color	White / Anthracite
Protection type (IP)	IP65
Impact resistance (IK)	8
Certification	WEEE, CE, 5 years warranty
Insulation class	1
Supply	Self-contained
Monitoring	Wireless Professional (WL)
Battery Duration	3 h
Battery	LiFePO4 3,2 V/1,2 Ah
Operating mode	Non-maintained or maintained
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Power max.	3.9 W
Power maintained	2.6 W
Power non-maintained	0.8 W
Ambient Temperature	Maintained -5 °C to 40 °C / Non Maintained -5 °C to 40 °C
Depth	58 mm
Height	188 mm
Width	262 mm
Connection cross-section	Up to 2.5 mm <sup>2</sup>
Switching input	Yes
Emergency light blocking	Yes
Battery Connection	Pluggable Connector
Dimming Function	Yes

PART REFERENCE	
WHITE	ANTHRACITE
FMW403WL	FMW403WL-AZ

# WIRELESS PROFESSIONAL

## NETWORK EQUIPMENT



TECHNICAL DATA	
Networkable	Yes
Material	Polycarbonate
Depth	29 mm
Width	143 mm
Height	22 mm
Connectivity	USB
Certification	CE, 5 years warranty
Monitoring	Wireless Professional (WL)

### Part Reference: WLKOR

#### Wireless Professional Coordinator

The WLKOR is a wireless PC interface designed for use with the Wireless Professional control software. Operating on the European-approved 868 MHz band, it forms a key component of an emergency lighting monitoring system in accordance with DIN EN 62034, acting as the bridge between the control software and the wireless radio network.

The unit connects via USB and features a relay contact for collective fault signalling, along with three status LEDs for clear visual indication. It is specifically developed for integration within emergency lighting systems, providing reliable communication and system oversight.

#### Key Features

- 868 MHz wireless communication
- USB interface for direct PC connection
- Relay contact for collective fault output
- Three status LEDs
- Compliant with DIN EN 62034
- For use with emergency lighting systems

#### Supplied as Standard

- USB Coordinator WLKOR
- USB connection cable
- Velcro mounting strip
- Optional DIN rail adapter with mounting components
- Product information leaflet

Once connected to a local PC, the WLKOR enables the Wireless Professional software to discover, monitor and manage all registered luminaires within the system. The integrated relay contact provides a collective fault signal for connection to external monitoring or building management systems, ensuring fast and reliable fault reporting within safety-critical environments.

## WIRELESS PROFESSIONAL CONTROL CENTRE



TECHNICAL DATA	
Networkable	Yes
Mounting	Wall
Material	Metal/Polycarbonate
Protection type (IP)	IP20
Certification	CE, 5 years warranty
Monitoring	Wireless Professional (WL)
Input voltage AC	230 V
Input frequency	50 / 60 Hz
Depth	68 mm
Height	265 mm
Width	294 mm

**Part Reference: WLZENT**  
**Wireless Professional Control Centre**

Where a centralised PC is not available within the building, the WLZENT central control unit provides a complete standalone solution for the setup, operation and monitoring of the emergency lighting system. Designed for wall mounting, the WLZENT is straightforward to install and is housed in a robust, service-friendly enclosure with an integrated touchscreen interface.

Developed in-house by RP Group and based on an industrial Linux platform, the WLZENT delivers a high level of cyber security with minimal ongoing maintenance. The intuitive user interface presents clear, real-time system information, allowing status and faults to be identified at a glance. The control software supports up to 1,000 wireless devices per control centre as standard.

Intended for installation at a permanently staffed central location, the WLZENT incorporates five programmable timer functions for scheduled operation and automated system management. The unit also supports networking with other systems, providing a scalable and future-ready platform for comprehensive emergency lighting control.





**Part Reference: WLCPC**  
**Embedded Linux Computer**

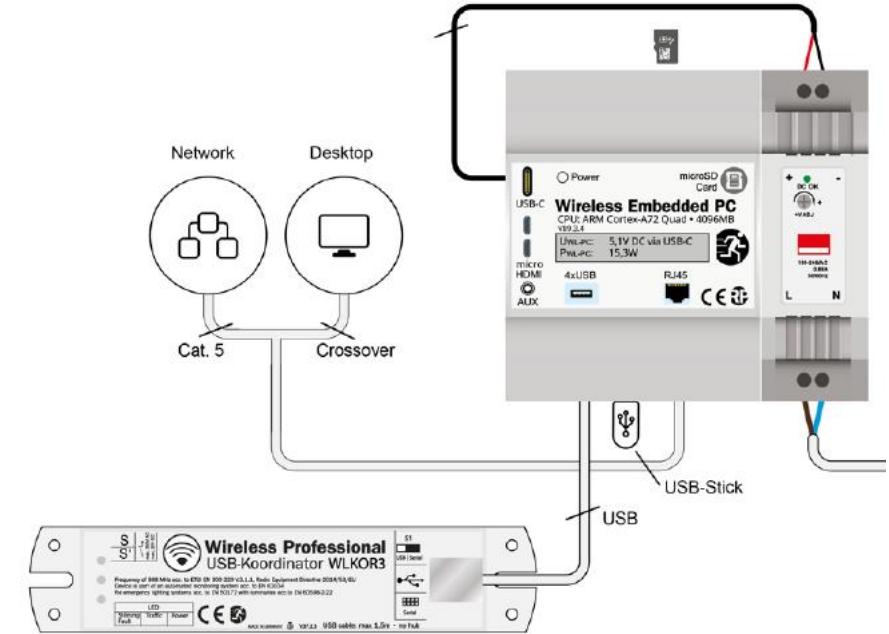
For large campuses with multiple buildings, or single large facilities requiring the monitoring and reporting of more than 1,000 luminaires, the WLCPC provides a scalable and robust solution. The system supports installations ranging from 1,001 up to 50,000 emergency luminaires and is specifically designed for complex, high-density environments.

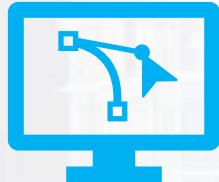
The architecture is based on an embedded, DIN-rail-mounted Linux networked PC (WLCPC), operating in conjunction with a local USB coordinator (WLKOR). Depending on the size, structure and layout of the site, one or multiple WLCPC units can be deployed to ensure reliable coverage and system performance.

Each WLCPC connects to the local area network and is centrally accessible from a designated control PC. This central interface also provides secure access to the Lightinx cloud platform, enabling comprehensive system monitoring, automated test reporting and long-term performance management across the entire estate.

Where integration with the main building network is not desirable, the system can remain isolated while still maintaining cloud connectivity via a third-party 4G or 5G service. This approach enables remote reporting of system status changes and automated test results without any dependency on the primary IT infrastructure, offering enhanced flexibility and security for building owners.

TECHNICAL DATA	
Networkable	Yes
Material	Polycarbonate
Depth	72 mm
Width	103 mm
Height	91 mm
Connectivity	USB
Certification	CE, 5 years warranty
Monitoring	Wireless Professional (WL)





DESIGN – We work closely with architects, engineers and contractors to develop compliant, efficient designs that deliver the required technical and operational outcomes.



SUPPLY – We manage the complete logistics process, ensuring all equipment is delivered to site in line with programme requirements.



COMMISSIONING – We provide full system commissioning, ensuring every installation is tested, certified and operating in accordance with the standards.



MAINTENANCE – We offer comprehensive preventative maintenance programmes to protect system performance, compliance and long-term reliability.



TRAINING – We deliver Engineers Ireland approved CPD seminars and professional system installation training for design professionals, contractors and technical teams.



## CONTACT US

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