

Emergency lighting and safety lighting



Find your way safely
even in an emergency.

EMERGENCY LIGHTING AND SAFETY LIGHTING

When it comes to protecting people, there can be no room for compromise. Only a properly dimensioned and fully functional emergency lighting system can fulfil its protective function in the event of a general lighting failure or in hazardous situations. Safety lighting systems from Labor Strauss are intended for use in public buildings, shopping centres, hotels, industrial properties or infrastructure facilities.

From innovative security luminaires to central battery systems and central automatic test systems, Labor Strauss delivers the latest technology and sophisticated solutions for increased levels of security to protect people. Due to the highest reliability of the components, the systems are ideally suited for suitable for professional use.

SERVICES

Project planning - Installation - Maintenance

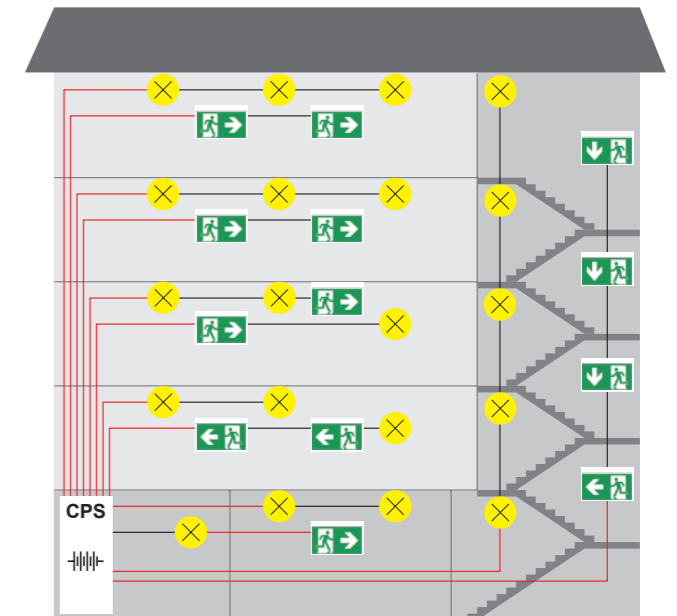
The experienced employees of Labor Strauss not only take care of professional sales advice and handling. From project planning, calculation and planning of the emergency lighting system to commissioning, maintenance and servicing, Labor Strauss offers a complete range of services.



Central battery systems

For the almost unlimited performance range Labor Strauss offers solutions and an comprehensive product portfolio. The central battery systems can be operated in mixed mode - standby light, continuous light and switched continuous light - without an additional data line. An upgrade to a dynamic escape route control system is possible. The touch display on the front panel offers intuitive menu navigation for commissioning, operation and maintenance. The built-in web server also allows convenient remote maintenance.

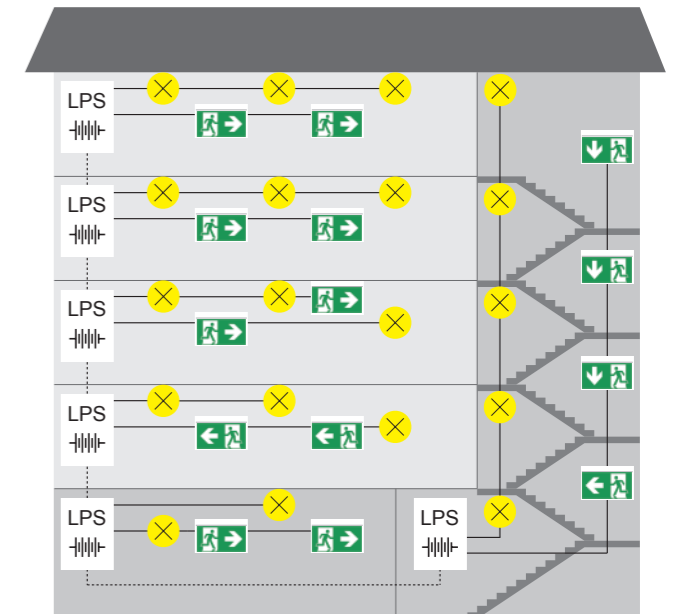
The central power supply systems are available with up to 128 end circuits and battery capacities of up to 260Ah.



Group battery systems

A wide range of group battery control panels with 230V supply voltage is available for small to medium-sized installations, covering all requirements. The mode of operation of the group battery systems is similar to that of the central battery systems, with decentralised accommodation of the batteries.

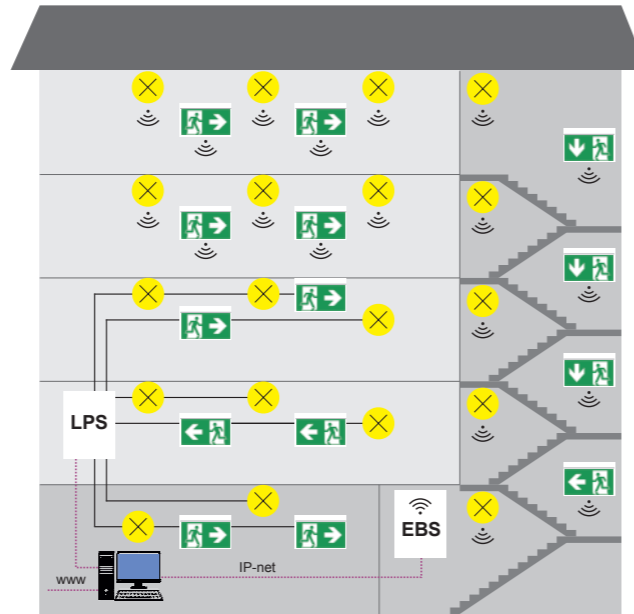
The pre-configured control panels have up to 16 end circuits and can be expanded - depending on the version - to up to 128 end circuits.



Single battery systems

Safety luminaires with individual battery supply form decentralized units with individual energy source. This eliminates the need to centrally house large sets of batteries. All single-battery luminaires have an integrated auto-test function to perform the standard-compliant periodic self-test.

If required, the luminaires can be monitored at a central location. The autonomy time – the duration of bridging in the event of a mains voltage failure – is up to 8 hours, depending on the luminaire.



Single Battery Radio System INC WIRELESS

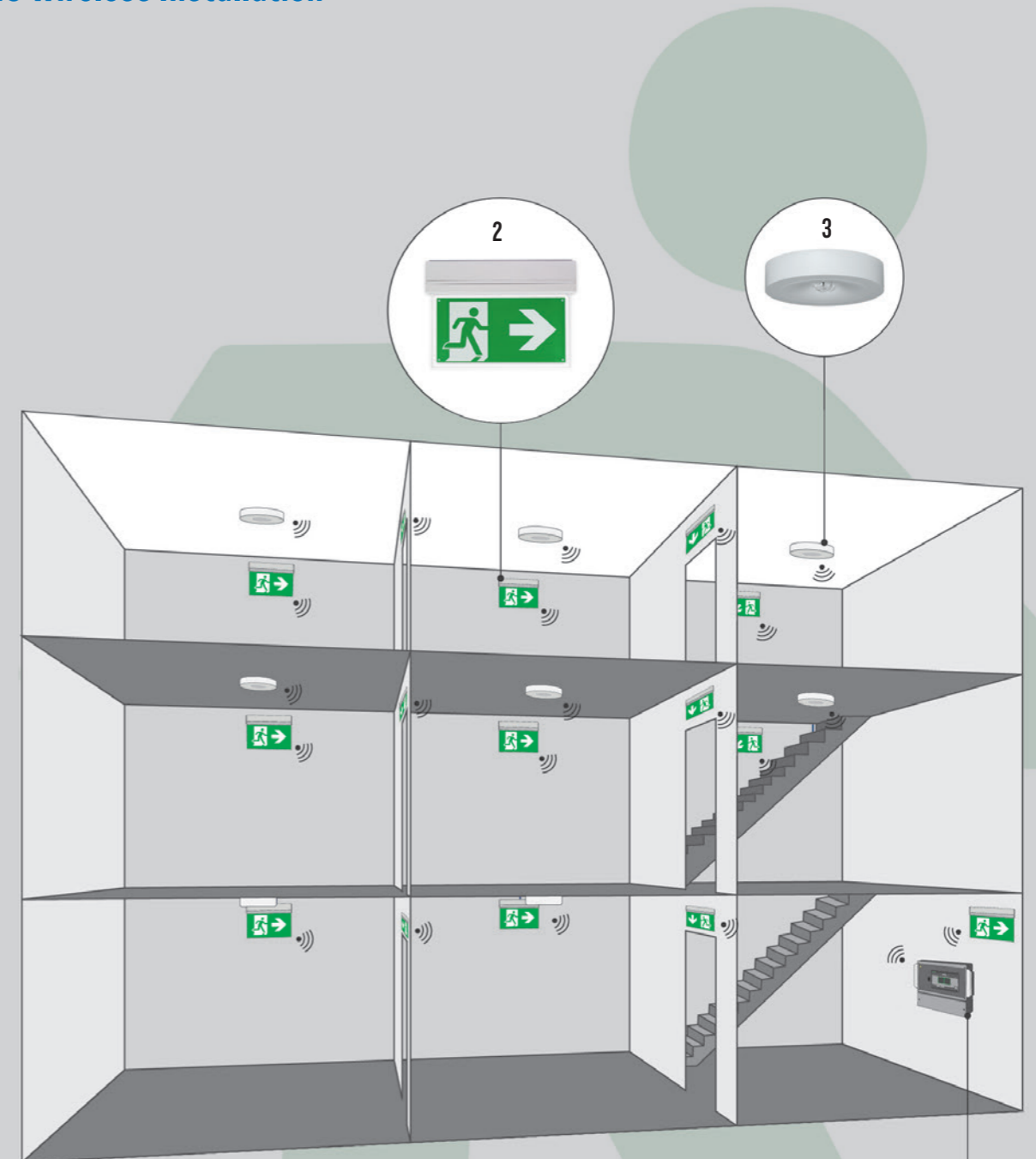
Especially in listed buildings, architecturally sophisticated objects or in the renovation of old buildings, the installation of an additional bus line is often difficult or associated with high costs. The INC Wireless system offers a simple solution for this. The „Wireless“ luminaires are supplied locally with 230VAC mains voltage. The communication with the single-battery monitoring centre takes place via a radio link. In addition to the use as a pure wireless system, a hybrid installation is also possible – the combination of wired RS485 bus and „Wireless“. The system can thus be added to existing installations for extensions and retrofits without changing the existing installation.

Up to 1000 participants – 500 bus luminaires and 500 „wireless“ luminaires – can be connected to the monitoring centre.

The colour touch display allows intuitive menu navigation and simple operation. The entire system can be remotely controlled via the built-in web server. The storage of building plans facilitates the assignment of the emergency luminaires.



INC Wireless Installation



Components

1. Emergency lighting central unit
2. Wireless luminaires
3. Wireless repeater (optional)



Escape sign luminaires

Escape sign luminaires are used to mark escape routes. With the aid of interchangeable pictogram discs, the luminaires can be easily adapted to local conditions. Escape sign luminaires for dynamic escape route guidance are able to indicate different states within a pictogram.

Safety lights

In the event of a power failure, emergency luminaires provide sufficient brightness in escape routes. If required, luminaires of the existing general lighting system can be integrated into the emergency lighting system. Thanks to the use of high-performance light-emitting diodes, the luminaires have a high luminous flux combined with low energy consumption and a compact design.

Different designs

A wide range of escape sign luminaires and emergency luminaires in energy-saving LED technology is available for use in safety lighting systems. The luminaires differ in:

- the type of power supply – single battery luminaires or centrally supplied luminaires
- the shape and design – shallow or deep design, visibility from one or more directions
- the type of mounting – wall-mounted, flush-mounted or offset with wall bracket, ceiling-mounted, integrated into the hollow ceiling or suspended from the ceiling
- the material – plastic, powder-coated sheet steel or die-cast aluminium



Our Products:

Escape Sign Safety Light

VARIOUS 200
with exchangeable pictogram



Escape sign luminaires

UNI 200
with exchangeable pictogram



Escape sign luminaires

RIVA
with evacuation and lock symbol



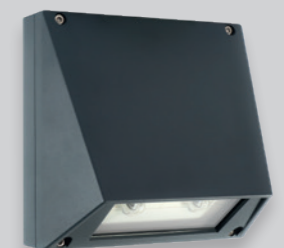
Safety Light

VARIOUS-SI-3S
with high luminous efficacy



Safety Light

SECUR-W-2F-G
for outdoor use



Safety Light

SpotR-DEB-S
for mounting





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