LEADING THE WAY WITH INNOVATION
MADE IN GERMANY.
EMERGENCY LIGHTING FROM RP-GROUP
THE SYSTEM EXPERTISE OF RP-GROUP

INCAUS
TECHNOLOGY AHEAD

Rescue luminaires
Emergency luminaires
Power supply installations
RPower® batteries
Accessories

Wireless Professional central unit
1 PARTNER. 5 SOLUTIONS. 1,000 OPPORTUNITIES.

Groundbreaking emergency lighting that is both engineered and manufactured in Germany – this is what the name INCAUS stands for. In fact, our solutions have been ensuring a highest degree of safety in buildings across the globe for more than 35 years. As one of the important manufacturers in Germany, we are also the leading innovator in our sector.

From self-contained luminaires with SelfControl over the Wirless Basic® solution with webased monitoring up to 50 luminaires, all the way up to Wireless Professional monitoring and control systems for more than 1,000 luminaires per system, from decentrally to centrally powered full-scale systems for up to 50,000 luminaires, we offer you a wide range of system solutions.

The various systems can also be combined with one another and thereby optimally matched to your individual requirements.

FIVE CERTIFICATIONS AWARDED. PROVEN A MILLION TIMES OVER.
SELF-CONTAINED LUMINAIRES WITH SELFCONTROL

- Rescue luminaires in various designs
- Emergency luminaires for flush-mounted or surface-mounted ceiling installations
- A dedicated battery for each escape sign and escape route luminaire

Example of an industrial hall with virtual fire zones
RADIO-CONTROLLED SAFETY LIGHTING WITH WIRELESS PROFESSIONAL AND WIRELESS BASIC®

- Low installation costs and total costs
- Lights communicate with one another via integrated modules
- Energy saving potential (lights can be switched according to a timetable or manually)
- Network Wireless Professional 868 MHz/Wireless Basic® 2,4 GHz
- Central set-up and maintenance via Android tablet or smartphone
- Storing of all relevant data and test reports in the Cloud (LIGHTLINX®)

Wireless luminaire monitoring and control with Wireless Professional (left) and Wireless Basic® (right)

Example of an industrial hall with virtual fire zones
LUMINARIES WITH DECENTRALIZED LOW POWER SYSTEMS LPS

- A dedicated small power supply system for each fire zone
- One master system and multiple slave systems
- Each system has dedicated batteries
- No E 30 cabling necessary
- Single luminaire monitoring

Example of an industrial hall with virtual fire zones

* Type Approved by TÜV Rheinland
LUMINAIRE WITH CENTRAL BATTERY SYSTEMS CBS

- A large power supply system for up to 96 circuits
- Installation in a dedicated electrical plant room
- One set of batteries for the central system
- Single luminaire monitoring

Example of an industrial hall with virtual fire zones

* midiControl plus
* multiControl plus
* MDC

Power supply installation, as e.g. multiControl plus

* Type Approved by TÜV Rheinland
## APPLICATION

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<th>Planning work involved</th>
<th>Cabling with E 30</th>
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<th>Maximum number of luminaires</th>
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## ADVANTAGES

- Lights have dedicated rechargeable batteries, no separate supply network is required
- 230 V circuit from respective general lighting
- Various battery types: Designlife NiMH 4 years LiFePO4 6-7 Yeshre
- Worldwide unique solution
- Self-contained luminaires with Bluetooth function
- Simple operation and maintenance in the Wireless Basic® App
- Interface for secure data storage – all in one cloud (LIGHTLINX®*)
- Time savings through simple documentation
- Easy to install and operate solution that is unparalleled worldwide and can be used anywhere
- Monitors and controls luminaires via radio
- Less cabling work involved (no BUS cables required)
- Budget friendly
- Ideal for retrofitting in buildings (e.g. preservation orders)
- Self-organizing ad-hoc wireless system
- Energy saving thanks to timer control option
- Lights have dedicated rechargeable batteries, no separate supply network is required
- Ideal compromise between large central power supply system and single-battery luminaires
- Risk spreading: The stations can be housed on any floor and in any area of the building
- Cost savings, as no fire-proof cabling required
- Maintenance friendly
- Economical, as all RPower® batteries can be housed at a central location
- Maintenance friendly
- Up to 32 systems can be networked

*Fire-proof

*Within a fire zone

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At INCAUS we follow a policy of continuous product development - product specifications and design are subject to change without notice.