



SMART AND SAFE

EMERGENCY AND SAFETY LIGHTING FROM THE EXPERTS


MADE IN GERMANY

 **RP-TECHNIK**
PART OF RP-GROUP

Designer luminaires



Functional design

Our **OLED exit sign luminaires** offer a unique combination of the necessary functionality, versatile installation options and elegant design. When wall-mounted, the electronic components are concealed and only the thin pictogram panel is visible. As a result, the luminaire blends harmoniously into the overall look of the room. Thanks to OLED technology, the pictogram is absolutely uniformly illuminated and can easily be seen from both sides, whether ceiling-mounted or on a pendant fitting.

The **A series** is a newly developed complete range of high-quality exit sign luminaires. Suitable for both recessed and surface mounting, the luminaires are available in white or anthracite metal housings with a uniform style and clean lines. Functional design for safety when it matters most.

To complement the style of our OLED exit sign luminaires and the A series, we offer suitable safety luminaires in the **E series** for recessed or surface mounting on the ceiling, also in white or anthracite.



Universal luminaires



Practical safety

Our universally deployable exit sign luminaires in the **KM and KS series** provide an extremely practical safety solution which also complies with all the relevant standards. The slimline plastic luminaires can be mounted quickly and easily on either a ceiling or a wall. All luminaires are equipped with modern, economical LED technology and are supplied with a complete set of pictograms. Thanks to the unique power of lithium (LiFePO₄) batteries, our luminaires last twice as long as conventional products.

Recently added to the range is the **KSC emergency and safety luminaire** with downward light emission and special pictogram panels with one- or double-sided legend for clear identification of first aid stations, firefighting equipment or alarms.

Safety luminaires in the **IL series** are available with round or square apertures to match the exit sign luminaires. A range of lenses can be used as required to achieve different light beam angles.

The modular plastic luminaires in the **KB series** feature a lower housing section for all sizes of panel. The required pictogram can be fitted on site with the plug-in technology, with no need for tools. This makes it possible to plan with more confidence, as a luminaire can be easily converted from a safety to an exit sign luminaire.



Flexway luminaires



Innovative safety

The innovative exit sign luminaires in the **Flexway series** provide dynamic escape route management to enable evacuees to avoid potential hazards. The robust luminaires are available in white or anthracite metal housings and are mounted on the wall. All versions of the Flexway luminaires come with IP65 protection.

The displayed pictogram can be changed by the control information transmitted by a sensor, such as a fire alarm.

The **Flexway** exit sign luminaire can display 10 different pictograms, allowing the escape route to be dynamically adapted to circumstances in an emergency.

In addition to the controllable version, the **Flexway** luminaire is available as a traditional exit sign luminaire with static pictogram and as a ceiling-mounted safety luminaire. The complete series of luminaires therefore provides a standardised, flexible and very safe escape route concept.





Safety at any distance

Exit sign luminaires in the **LX** and **LS series** with an aluminium profile are suitable for long viewing distances of 34 metres and 56 metres respectively. The luminaires feature modern LED technology and additional downward light output.

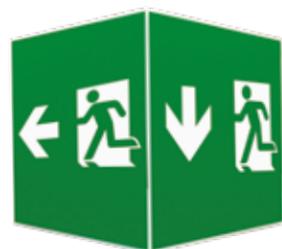
For viewing distances of up to 30 metres, our convex luminaires in the **KC series** with a white plastic housing are a suitable choice.

The plug-in, solvent-free pictograms can be easily changed without the need for tools. Thanks to the transparent cover supplied, the luminaires can also be used without the pictograms as safety lighting.

Our **cube-shaped plastic luminaires** in various designs provide easily visible signage for escape routes on up to four sides. The standards-compliant LED exit sign luminaire is designed for viewing distances of 36 to 90 metres.

The logically determined printed pictograms and versatile mounting options provide flexibility, so you can plan with confidence and planning security.

The product range is completed by the **STS emergency flood-light**, which is designed to illuminate spaces and escape routes. It can be supplied with pre-mounted or externally mountable lamps for fixed-location or transportable use.



LED general-purpose lighting for safety use

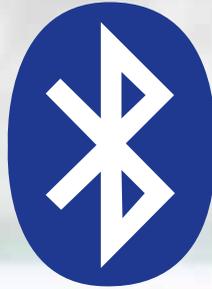


Smart combination

As RP-Technik has extensive experience in the use of LED luminaires in emergency lighting systems, the company has added to its range its own general-purpose lighting series, known as **iLED® by RP**. LED luminaires have important advantages over conventional lighting technologies: high light output with low power consumption, the absence of toxic chemicals, no flickering and no UV or IR radiation. The result is a more cost-effective and environmentally friendly lighting solution.

Our **iLED® by RP** luminaires are available in various versions, for example LED panels, floodlights, fluorescent tubes and ceiling-mounted luminaires. A useful feature of many luminaires in the **iLED® by RP** range is the fact that they can be connected to our power supply systems or optionally equipped with single-battery electronics. This allows general-purpose lighting to be intelligently combined with the safety lighting required by law for a given building, saving both installation work and costs. General-purpose luminaires offer the same convenience as safety luminaires and can also be monitored with Wireless Professional or through the power supply system.





Mobile Control and safety of the cloud

The new **Wireless Basic**® connects self-contained luminaires via Bluetooth Mesh Interface to your Android Smartphone oder Tablet. Each exit sign or emergency luminaire equipped with a **Wireless Basic**® module will report its current status and the results of the legally required regular tests to the Bluetooth-requesting mobile device. In addition, the results of the tests will be stored safely for 5 years in the Lightlinx® cloud (www.lightlinx.com).

In the **Wireless Basic**® app luminaires can be grouped and assigned to projects. The lights can also be switched or a test triggered via the Bluetooth interface.

As with the Wireless Professional, the individual luminaires also communicate with each other during the **Wireless Basic**® monitoring, thus increasing the range of the Bluetooth signal. If a mobile device is within range of a luminaire of a system, the data of all associated luminaires can be transmitted. This minimizes maintenance.

Due to the minimal installation effort and the absence of a central control computer, the **Wireless Basic**® monitoring is cost-effective and is particularly suitable for smaller installations up to 50 luminaires. *



* Depending on the country of installation, further restrictions may be imposed by local regulations.

Wireless Professional



Smart, wireless control

The unique **Wireless Professional** system from RP-Technik provides control and monitoring of single-battery luminaires in an emergency lighting system.

Every emergency or safety luminaire registered in the system has a wireless module, with which it reports its current status and the results of legally required regular tests to the central unit.

Many of the luminaires we offer can also be wirelessly controlled, allowing them to be switched to an economical stand-by mode while maintaining full safety functionality.

Wireless Professional luminaires are visually discreet, because even when housed in a stainless steel or aluminium housing, the wireless technology requires no visible antennas.

The **Wireless Professional** system operates on the European approved frequency of 868 MHz. As a short-range device, it can be used in sensitive areas such as hospitals and care homes. The wireless range within buildings from one luminaire to the next is always at least 30 metres. Each luminaire also works in repeater mode, forwarding signals from other luminaires registered in the system.

The control software is available in multiple languages and allows you to store building plans on the compact central computer. The **Wireless Professional** luminaires registered in the system – over 1,000 per central control unit – can be identified by location on the plan and displayed along with their current status. As additional plus the actual state of a central battery system of the multiControl plus series can be displayed in the Wireless Professional software.



Battery-supported power supply



Safety per fire compartment

Low power systems of RP-Technik supply the emergency and exit luminaires per fire section with energy and are the ease of operation of a central battery systems in any way.

Low power systems eliminate the need to install E30 refractory power lines. They are optimized for use with modern LED emergency and exit luminaires.

From **myControl plus** for a maximum of 80 connected luminaires and a total output of 500 W to the **miniControl XL plus** for up to 640 luminaires with a total output of 1,500 W projects of any size can be realized with these systems. The systems are provided with an autonomous power supply with **RPOWER®** batteries – our own brand.



Battery-supported power supply



Safety no matter what

With the central battery systems **midiControl plus** and **multiControl plus** RP-Technik offers a complete range of battery-supported central power supply systems for up to 1,920 luminaires with a total output of 40,000 W.

RP-Technik delivers power supply systems with various sizes and types of housing, with all housings being developed in house in compliance with the relevant standards and designed to meet various practical requirements. To ensure consistently high quality, all products are developed, manufactured and tested at our own facilities in Germany. They comply with applicable national and European standards.

Our central battery systems allow you to connect substations and subdistributors. This makes the systems very flexible and allows them to be individually adapted to customer requirements. It also makes it easy to implement large installations, as the modules can be conveniently configured with the web interface, networked with other types and centrally controlled. The systems are provided with an autonomous power supply with **RPOWER®** batteries – our own brand.





Power whenever and wherever it's needed

RP-Technik has over 30 years of experience in battery use and supplies a wide range of products under its own brand, **RPOWER®**, with various product series for virtually any application. This includes high-quality starter batteries for high-end vehicles such as the start-stop AGM series, batteries for cyclic use such as caravans or solar applications, and the state-of-the-art lithium iron phosphate series.

For large orders, our batteries can be customised with the customer's own label, complete accessories and specific module assembly. Solutions can also be developed in response to specific customer requirements.

We place enormous importance on end-to-end quality control in production, storage and logistics to ensure uniform battery voltage and maximum battery life.

RPOWER® batteries offer performance, reliability, durability and zero maintenance – for a power supply you can rely on, whenever and wherever it's needed.



Product overview

Designer luminaires

OLED



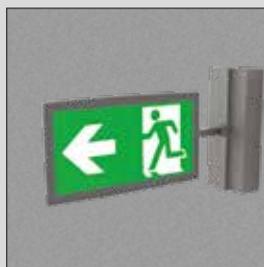
- Recognition distance 20 m
- IP20
- Pendant-, Wall bracket-, recessed wall or ceiling mounting
- Central battery luminaire incl. monitoring module



GERMAN
DESIGN
AWARD
WINNER
2016



reddot award 2016
winner



A Series



- Recognition distance 15m (AI), 22 m (AM) or 30 m (AX)
- IP20 (recessed mounted) or IP40 (surface mounted)
- Some versions available incl. additional LED for light emission downwards
- Recessed or surface mounting on wall or ceiling
- Cord and pendant mounting
- Mounting in standard installation sockets
- As central battery luminaire with or without monitoring module
- As self-contained luminaire
- As self-contained luminaire for connection to the Wireless Professional system
- White or anthracite



GERMAN
DESIGN
AWARD
WINNER
2018

ASMU



- Aluminium housing
- Recognition distance 22 m
- IP40
- Ceiling- or wall mounting
- Silver or white



MMD / MMW



- Zinc-Diecast housing
- Recognition distance 22 m
- IP40 (optional IP65)
- Ceiling- or wall mounting,
Wall bracket as optional accessory
- White or anthracite

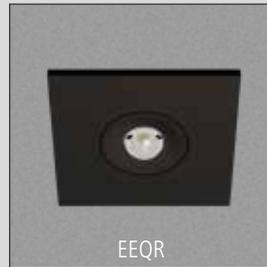


- For connection to central battery systems incl. monitoring module

E Series



- Luminaire distances up to 18 m
- IP40 (ceiling surface mounted) or IP20 (ceiling recessed mounted)
- Several lenses for different light beam angles
- Recessed or surface ceiling mounting
- For ceiling heights up to 11 m
- Mounting in standard installation sockets
- As central battery luminaire with or without monitoring module
- As self-contained luminaire
- As self-contained luminaire for connection to the Wireless Professional system
- White or anthracite



EEQR



EEQF



EEQS



EERR



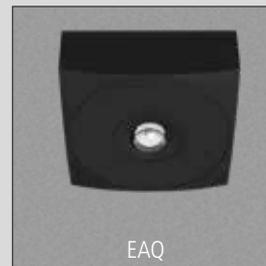
EERF



EEQR



EAR



EAQ

WER / WEF / WAF



- Recessed mounted wall luminaires for illumination of the escape route (WER/WEF)
- Surface mounted luminaire for illumination of the escape route (WAF)
- IP20
- WER for mounting in standard installation sockets
- White or anthracite



WER



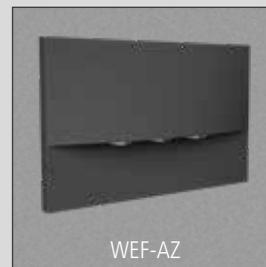
WEF



WAF



WER-AZ



WEF-AZ



WAF-AZ

ZAW



- Surface mounted wall luminaire for illumination of the escape route – especially above emergency exits
- IP65
- White or anthracite



ZAW



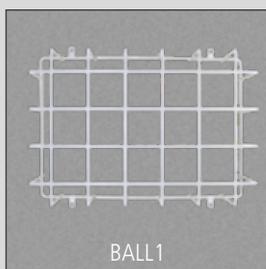
ZAW-AZ

Accessories

Various Accessories

Such as:

- Ball protection
- Pendant fittings
- Wall brackets



 - As self-contained luminaire incl. monitoring module

 - As self-contained luminaire for connection to the Wireless Professional system

 - As self-contained luminaire with Wireless Basic® monitoring

Universal luminaires

KM



- Recognition distance 24 m
- Universal mounting
- IP54 (ENEC: IP43)



KMU



KMU in KME recessed frame

KS



- Recognition distance 22 m
- IP54
- Universal mounting
- As option with additional light emission downwards (KSC)



KSU



KSU



KSC



KSU in KME Einbaurahmen

KB



- Recognition distance 14 - 30 m
- IP65 (ENEC: IP64)
- Universal mounting
- Modular safety luminaire with optional disc sets
- As safety luminaire distances of up to 25m



KBU incl. KBK



KBU incl. KBM



KBU incl. KBG



KBU safety luminaire



KBU safety luminaire in KBE recessed frame

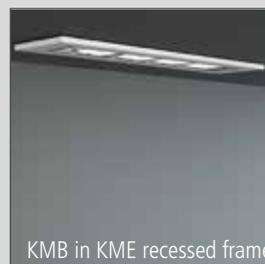
KMB



- Luminaire distances up to 16 m
- IP54
- Universal mounting



KMB

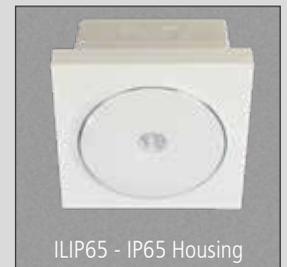
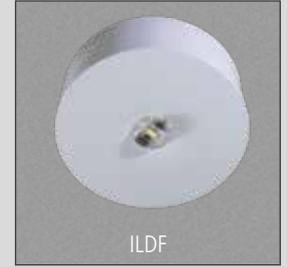
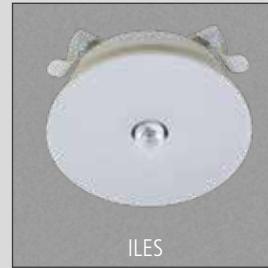


KMB in KME recessed frame

IL



- Luminaire distances up to 30 m
- IP20
- Several lenses for different light beam angles
- Recessed or surface ceiling mounting
- For ceiling heights up to 16 m
- As central battery luminaire with or without monitoring module
- As self-contained luminaire
- As self-contained luminaire for connection to the Wireless Professional system
- Optional IP65 housing for all surface mounted versions
- Two optional square covers



DO



- Compact emergency luminaire for recessed ceiling mounting or installation within a luminaire
- Luminaire distances up to 16 m
- IP20



Flexway luminaires

Flexway



- Recognition distance 20 m
- IP65
- wall mounting
- Dynamic Display of 10 different pictographs
- Optional wall bracket or ceiling mounting



Static

FM



- Recognition distance 20 m
- IP65
- Wall mounting
- Pictograph set as foil
- Optional wall bracket or ceiling mounting



FM as safety luminaire

Power supply systems

myControl plus

- Low-Power-System
- 4 mains circuits for max. 80 luminaires with up to 500 W total output
- Networking with other systems via TCP/IP
- Max. 2 A power consumption per mains circuit



microControl plus

- Low-Power-System
- 6 mains circuits for max. 120 luminaires with up to 500 W total output
- Networking with other systems via TCP/IP
- Max. 3 A power consumption per mains circuit



Best practice
Sustainable
Production
Environment
Production
Efficiency



miniControl plus / miniControl XL plus

- Low-Power-System
- miniControl: 12 mains circuits for max. 240 luminaires with up to 1,500 W total output
- miniControl XL: 32 mains circuits for max. 640 luminaires with up to 1,500 W total output
- Networking with other systems via TCP/IP
- Max. 3 A power consumption per mains circuit



Best practice
Sustainable
Production
Environment
Production
Efficiency



midiControl plus

- Pre-configured central battery system - short delivery times
- 32 mains circuits for max. 640 luminaires with up to 5,100 W total output
- Networking with other systems via TCP/IP
- Max. 4 A power consumption per mains circuit



Best practice
Sustainable
Production
Environment
Production
Efficiency



multiControl plus

- Central battery system
- Up to 96 mains circuits for max. 1,920 luminaires with 40,000 W total output
- Networking with other systems via TCP/IP
- Max. 6 A power consumption per mains circuit
- Substations and sub-distributions possible



Best practice
Sustainable
Production
Environment
Production
Efficiency



XXL luminaires

LX / LS



- Recognition distance 34 m or 56 m
- IP40
- Wall or ceiling mounting



LX



LS

KC



- Recognition distance 30 m
- Wall mounted: IP54 optional
IP65 (ENEC: IP64)
- Ceiling mounted: IP40
- Wall or ceiling mounting



KCW



KCD

Cubic luminaires



- Recognition distance 36 m – 90 m
- Also available in aspect ratio 2:1 (W1 / W2)
(on request)
- IP20
- Wall or ceiling mounting



WK



WG



WX

STS



- Self-contained emergency floodlight
- IP54
- Perfect for temporary buildings
- 10 W-, 30 W- or 50 W-LED



STS

Batteries

OGiV-Longlife-Series LP

- Very long service life in stand-by operation
- Impact- and break-proof plastic case made of ABS
- Electrolyte is bound in fiberglass fabric (AGM = Absorbent Glass Mat Technology)
- Maintenance-free operation in any position, except head first



GEL-OGiV-Series

- Cycle-proof, deep-discharge-proof and corrosion-resistant
- Electrolyte is bound to GEL due to the addition of silicic acid
- Less water consumption thanks to high recombination
- Maintenance-free operation in any position, except head first



LiFePO₄-Series

- More than 2,000 cycles possible with 100% discharge
- Integrated protection for overcharge, deep discharge and overtemperature
- Maintenance free
- Reduced fuel consumption, environmental friendly



AGM-Series

- AGM-Technology
- Excellent for demanding systems with extreme current requirements
- Shake resistant and leak-proof
- High cycle stability



OPzV-Series

- High temperature proof
- Sealed, maintenance free
- Up to 20 years design life (at 30°C up to 10 years design life)
- Perfect for stand-by applications
- High number of cycles thanks to armored plate technology



LED-Panels

Basic-Panel

- For installation in false ceilings
- IP20
- Bright and energy saving
- DALI dimmable
- Suitable for operation on safety power supply systems



Plano-Panel

- For installation in false ceilings
- Mounting in normal installation sockets (68mm) possible
- IP20
- Bright and energy saving (up to 1.700 lm)
- DALI dimmable
- Suitable for operation on safety power supply systems



Floodlights

Classic floodlight

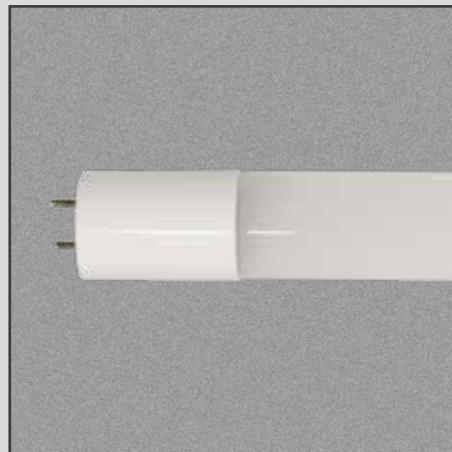
- Suitable for outdoor use
- IP65
- Bright and energy saving
- From 10 W up to 50 W total output
- Suitable for operation on safety power supply systems



Tubes

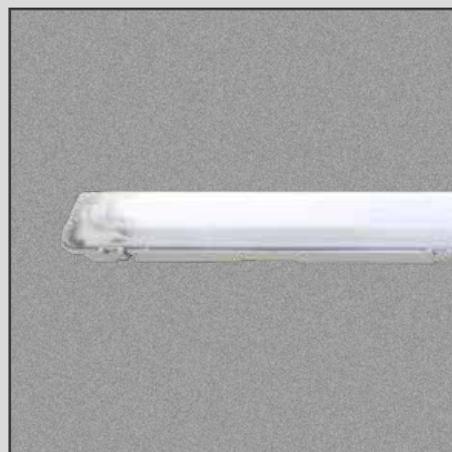
T8 glass tubes

- Direct replacement for conventional T8 tubes
- 120 cm or 150 cm in length
- Suitable for operation on safety power supply systems



1LF - linear fluorescent luminaire

- Direct replacement for conventional T8 tubes
- Suitable for outdoor use (IP 65)
- 120 cm or 150 cm in length
- As self-contained luminaire or for connection to central battery systems



Ceiling luminaires

QAW



- Combined general lighting and safety lighting
- Optional incl. HF-motion sensor
- As self-contained luminaire or for connection to central battery systems
- Available in white or silver



RP-Technik GmbH

PART OF RP-GROUP

Headquarters / Main Factory

Hermann-Staudinger-Str. 10 - 16
63110 Rodgau
Germany

Fon +49 6106 660 28-0

Mail info@rp-technik.de

Systems Production

Mittlerer Watzenbach 3
07318 Saalfeld
Germany

Fon +49 3671 52 85-0

Fax +49 3671 52 85-20

Sales Office South

Sonntagshornstr. 19
83278 Traunstein
Germany

Fon +49 861 70 690-1010

Mail sales-traunstein@rptechnik.de

Sales Office Luxembourg

Fon +49 6106 660 28-150

Mail rplux@rptechnik.de



www.rp-group.com