



FOR PROFESSIONALS

SAFETY HIGHLIGHTS.

EMERGENCY AND SAFETY LIGHTING BY THE RP GROUP

MADE IN GERMANY

RF GROUP
SOLUTIONS IN SAFETY + LIGHTING

RP GROUP ENSURES SAFETY. THROUGH INNOVATION, QUALITY AND SERVICE.

These days, products and solutions from the RP Group are a core element of public and commercial properties. For over 40 years, we have provided innovative emergency and safety lighting for high levels of safety in buildings and are one of the leading manufacturers of emergency lighting systems in Germany. Reinald Pasedag started out in a small barn in Rodgau near Frankfurt am Main. His venture has since grown into a global opera-

tion, that is still headed up by Reinald and Roland Pasedag together with Managing Director Oliver Meinicke.

The RP Group currently employs around 300 highly-qualified and committed members of staff at three production sites, with a production area of more than 15 000 m², and at sales outlets at home and abroad. Our portfolio covers emergency lighting

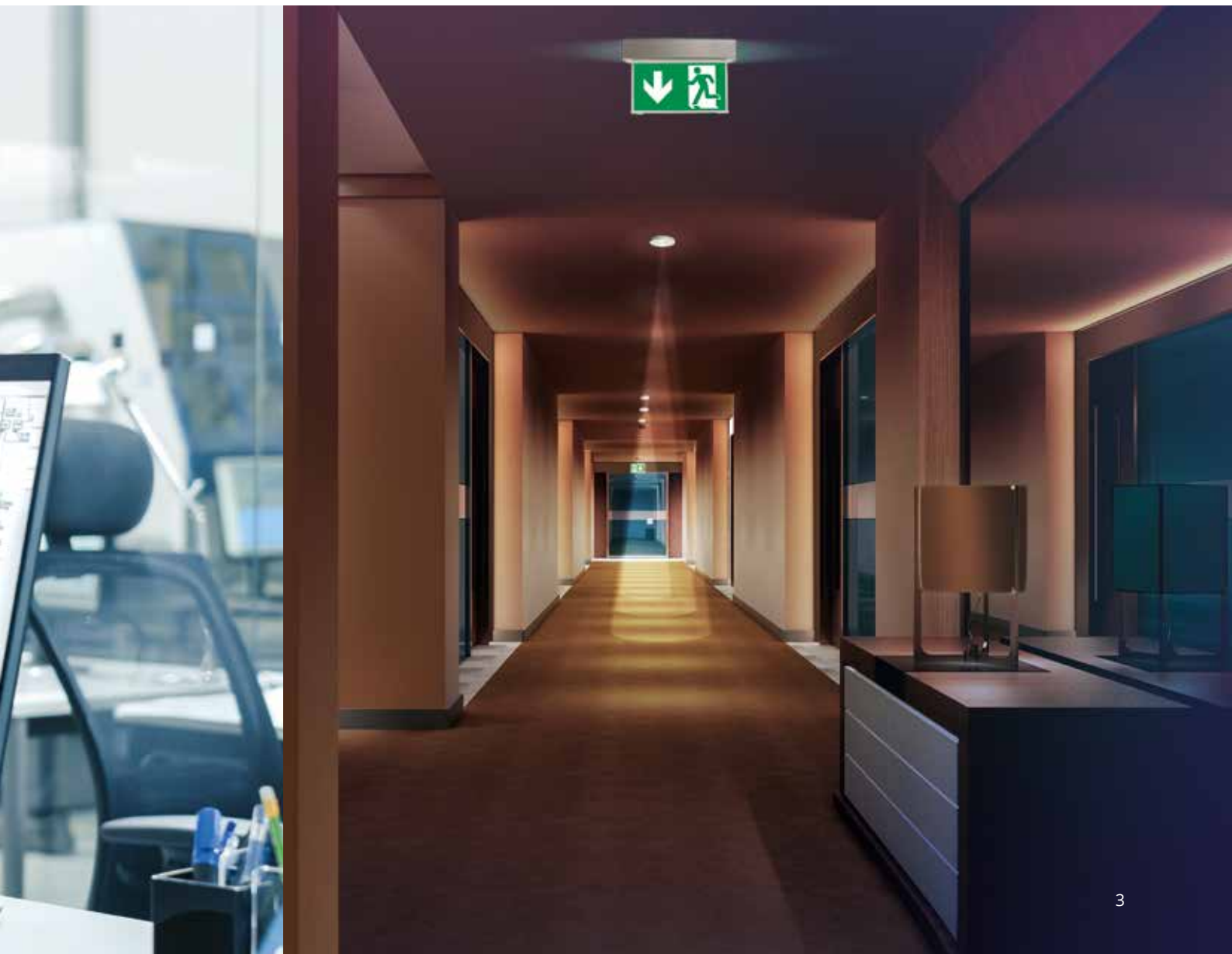


products, selected general-purpose lighting products, smart light and device control and various batteries for numerous applications. We export 50 percent of what we produce.

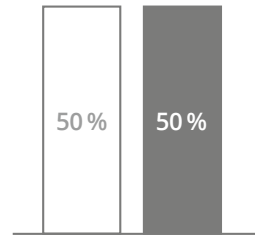
The performance and quality of our products are our main priority so we develop and manufacture our emergency and safety luminaires and centralised power supply systems in Germany.

Our customers particularly value our spirit of innovation, the immense flexibility and focus on service that we deploy to securely, rapidly and reliably deliver challenging projects.

Our internal quality assurance system and various certifications, such as ISO 9001 and ENEC, ensure that our products meet very strict reliability, quality and safety requirements.







5

FQUALITY
CERTIFICATES

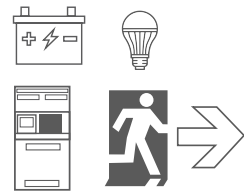
50 %

EXPORT RATE



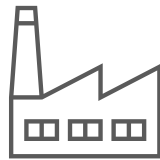
53

IN-HOUSE PATENTS



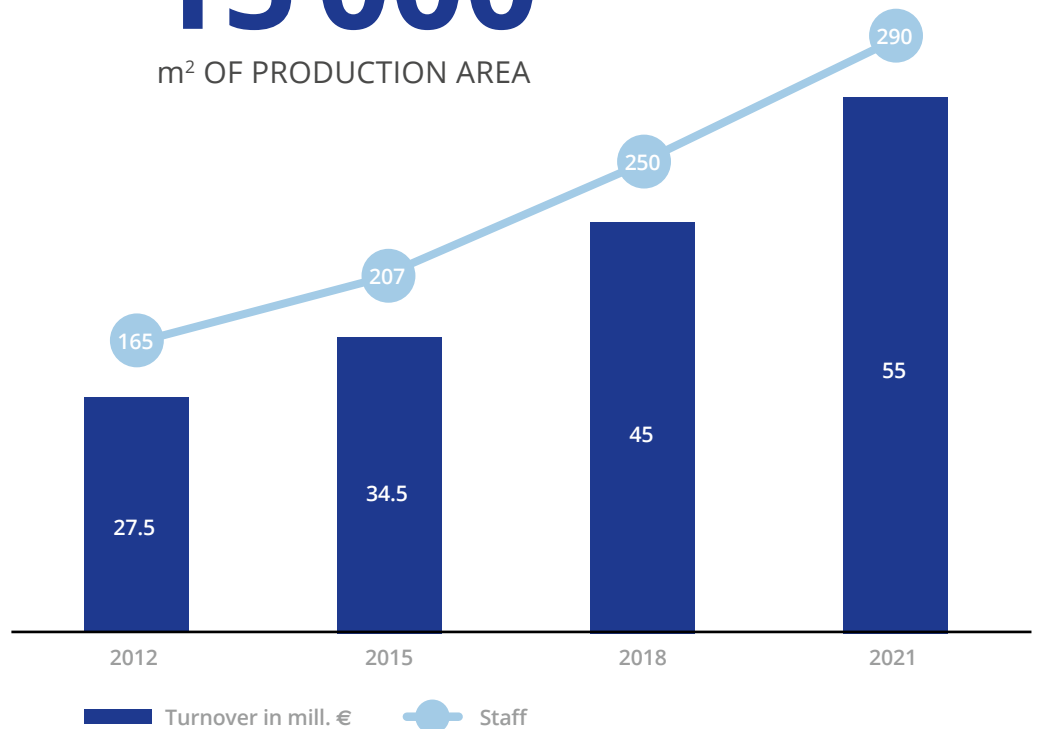
3000

PRODUCTS



15 000

m² OF PRODUCTION AREA





PIONEERING IN EVERY RESPECT. EMERGENCY AND SAFETY LIGHTING FROM THE RP GROUP.

Emergency and safety lighting was how it all started at the RP Group. We are now one of the biggest German producers of emergency lighting and a leading innovator in our sector. Way back when white LEDs were launched, we recognised the huge potential of this development and were the first supplier of emergency luminaires with LED technology.

Today the highlights, with which we are setting benchmarks, include LED safety luminaires with optimised light distribution and emergency exit sign luminaires with DUO technology, which combine the marking and illumination of escape routes into one product. The wireless solutions we provide to significantly simplify setting up and monitoring emergency luminaire networks are particularly pioneering.

What's more, our highly innovative development department designs modern, modular power supply systems for a whole host of requirements, all of which can be configured and maintained with ease. Since taking over our long-standing partners ABM-Notstromtechnik GmbH and Reinhold Sicherheit GmbH, the RP Group has added technical and service expertise to our portfolio of innovative products and solutions, enabling us to be a more effective and customer-focused full-service provider. From manufacture, configuration and sales, through individual planning support and services to training planners, architects and electricians, we are a single point of contact providing a comprehensive full-service package.



Luminaires tailored for any use.

For maximum customised safety, we have developed a comprehensive range of emergency lighting, which includes luminaires in various versions and designs – matched to your individual needs. Our range is deliberately complemented by general-purpose lighting which can also be used as safety lighting. All our luminaires have one thing in common: they save energy and are reliable – and they comply with all valid standards.

Benefit from our expertise and planning skills.

Numerous standards, specifications and guidelines have to be heeded by safety equipment such as emergency lighting. If necessary, we can therefore offer our customers in Germany individual and technical expertise. All the experts working at the RP Group to provide technical support to projects have received first-class training.



EASIER PLANNING



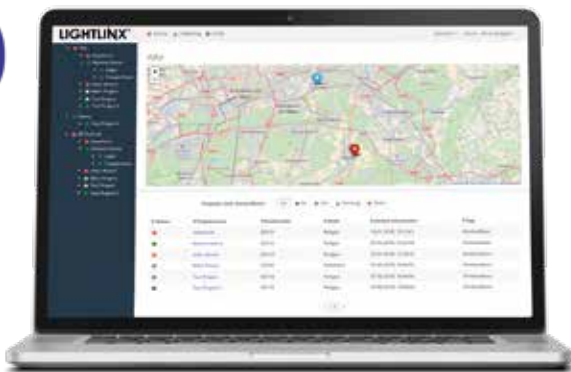
OUR MONITORING SYSTEMS COME IN ALL SIZES.

NETWORKED SYSTEM SOLUTIONS FROM THE RP GROUP.

Fewer than 50 emergency luminaires are deployed in some buildings. While in other groups of buildings you will find several thousand. Checking and monitoring these luminaires in line with the relevant specifications quickly becomes a costly and time-consuming challenge. So we soon started to consider emergency lighting as a complete system and to develop networked solutions for a whole host of usage scenarios and building sizes. Today, we are a single point of contact for an infinite range of tailored solutions spanning single-battery luminaires, systems with wireless monitoring and control as well as decentralised and centralised supply systems. The various systems can also be set up fully networked.

Wireless Basic single-battery emergency lighting system

Wireless Basic is our smart single-battery emergency lighting solution for small installations of up to 50 luminaires. Thanks to a centralised alarm function, the system already complies with DIN VDE V 0108-100-1:2018. Wireless Basic is installed in a flash, programmed and monitored wirelessly via Bluetooth Low Energy. Android or iOS devices can be used for centralised setup and maintenance tasks. The LIGHTLINX® cloud solution is available as an option for archiving test logs and for greater data security and ease of maintenance.



Remote monitoring and documentation: the LIGHTLINX® cloud solution provides a transparent overview of emergency light installations from any location.

Wireless Professional emergency lighting system

Wireless Professional is an intelligent emergency lighting solution for installations with up to 1000 or even significantly more luminaires. The system comprises single-battery luminaires, which are controlled and monitored without the use of a single cable. Signals are transmitted at the 868 MHz frequency approved throughout Europe, making the solution suitable for sensitive areas such as hospitals and care homes as well. The innovative and intuitively operated WLZENT control centre delivers convenient and centralised setup and maintenance options. Status messages and test results for each emergency and safety luminaire are automatically reported to the central unit. Data can be stored on an existing Windows system. And LIGHTLINX® can now also be used for this purpose.



The full picture at all times: the WLZENT control centre for setting up and testing all luminaires and for producing complete test protocols.



Solutions from the RP Group allow emergency light installations to be monitored wirelessly. Various systems can also be set up fully networked.

Centralised power supply systems

We also provide complete battery systems powered in a centralised or decentralised manner. Our easy-to-maintain low-power systems are suited to smaller projects or individual fire sections. The more powerful centralised power supply systems are designed for large buildings and supply up to 96 circuits. A maximum of 32 such systems can be networked without the need for any extra software. Combined systems, which can be found in separate buildings or parts of buildings for example, can be centrally monitored on a PC with the aid of a web-based visualisation interface. All our power supply systems are developed, manufactured and tested in Germany in accordance with the applicable European and national standards for installers.



Centralised or decentralised: with a total of 14 product series, we provide tailored, centralised power supply concepts for every type of building.



FOREVER POWER

WHEN IT MATTERS MOST, WE HAVE THE ENERGY. BATTERIES FROM THE RP GROUP.

We make no compromise with our emergency and safety lighting – we produce our centralised power supply systems ourselves. And this is why batteries have become an important element of our daily business and one of the main pillars of the RP Group.

The RPOWER® battery series developed by us is perfectly matched to the stringent requirements of emergency power supplies. It is distinguished by its excellent engineered-in-Germany quality. For some time now, we have had a separate portfolio of lithium iron phosphate batteries (LiFePO4), enabling us to provide our customers with very reliable solutions for a multitude of applications. Our warehouse, one of the largest of its kind in

Europe, supplies high-quality energy storage units for emergency lighting systems and uninterrupted power supplies within 24 to 48 hours. But our batteries are also used in many other applications.

Our RPOWER® battery cabinets are the perfect place to store our batteries. The cabinets are supplied ready for use and can be flexibly combined for battery systems of any magnitude.



Whether you use the standard, premium or long-life series: RPower® batteries require no maintenance, have a long service life and are very reliable.

LIMITLESS LIGHT.

GENERAL-PURPOSE LIGHTING AND MORE FROM THE RP GROUP.

Safe, stylish, smart: the RP Group's range of general-purpose luminaires wins over customers with its timelessly modern design – and upgradeable features. Various modules turn our luminaires into smart or even safe light. For example, our luminaires can also be integrated as safety lights within an emergency luminaire installation. Another highlight for building operators is the entirely new opportunities afforded to them for improving efficiency and convenience by combining our lighting with the smart CASAMBI® control.

Light gets smart with CASAMBI®

For customers fitting out buildings with general-purpose lighting, we supply LED luminaires and devices as a package solution combined with the intelligent CASAMBI® lighting control. Using the CASAMBI® app, you can control up to 250 luminaires and devices at once using your smartphone, tablet or smartwatch and define parameters such as brightness and colour for each luminaire or group of luminaires. These can be operated using both mobile end devices and CASAMBI®-compatible switches or push buttons. A timer control enables you to automate entire lighting scenes too. Energy savings of up to 90 per cent are therefore possible compared with conventional lighting concepts.

Even more opportunities with CASAMBI® powered by RP

We are continually adding exclusive features developed in-house to our range of modern CASAMBI® products. For example, with CASAMBI® powered

by RP Group, we offer innovative control modules and light solutions, giving CASAMBI® users scope for entirely new applications.

CASA ROLLO, for example, allows customers to conveniently control roller shutters and blinds using the CASAMBI® app.

CASA BULB is a smart illuminant with smart switching technology, which can be controlled without a mobile device using standard switches and push buttons. And the PWM5 module delivers real freedom from flickering down to low dimming levels.

CASA DALI Master is a versatile CASAMBI® module. Thanks to its generously configured DALI bus power supply, it can control several DALI luminaires and/or power supplies at the same time, providing key cost benefits to the user.



CASA BULB: smart illuminant, which can be controlled using standard switches. The features configured with the CASAMBI® app are activated by rapid switching.



CASA ROLLO: module for conveniently controlling roller shutters and blinds with the CASAMBI® app.



CASA DALI Master: versatile CASAMBI® module, which can control several DALI luminaires and/or power supplies at the same time.



POWER PLAY

Intelligent light from self-installing MESH network. Simply controlled with the CASAMBI® app.



MADE IN GERMANY – FOR DISCERNING CUSTOMERS THE WORLD OVER.

Design and functionality, operating convenience and energy efficiency, reliability and durability – the products of the RP Group need to meet a whole host of requirements. Therefore, nothing is left to chance in their development and manufacturing. Our products are engineered and made in Germany.

In our ultramodern, TÜV-certified light laboratory with photo-goniometer, we measure luminous flux and contrast ranges and produce light distribution curves, which we make available to our customers. In addition, we run our own test rigs to determine the IP type of protection and IK protection class as well as the potential ambient temperature of our luminaires. Every product passes through a strict quality check before leaving our premises. Compliance with the relevant standards is a matter of course for us. Reliability and quality are our main priorities.

Both our luminaire factory in Rodgau and our production lines in Saalfeld are also subject to strict quality checks and have been certified by TÜV SÜD. Way back during the production stage, we test the individual components of every power supply system.

The complete systems, ready to be fitted with RPower® batteries, are put through a 24-hour continuous test in the factory before delivery.

Not only do we handle the electronics in house, but the design of our products too. The development and implementation of concepts focus just as much on functionality and quality as they do on a modern design, which will outlast short-lived trends.

The reward for this work is numerous design awards. For example, the RP Group has won the German Design Award and reddot design award for the design of the OLED emergency exit sign luminaire. The luminaires in our A-series have also been recognised by the German Design Award.



A SELECTION OF TESTIMONIALS



McDonald's branches across Europe LED ceiling panels from the RP Group provide attractive lighting, great reliability and low operating costs in various McDonald's branches across Europe.



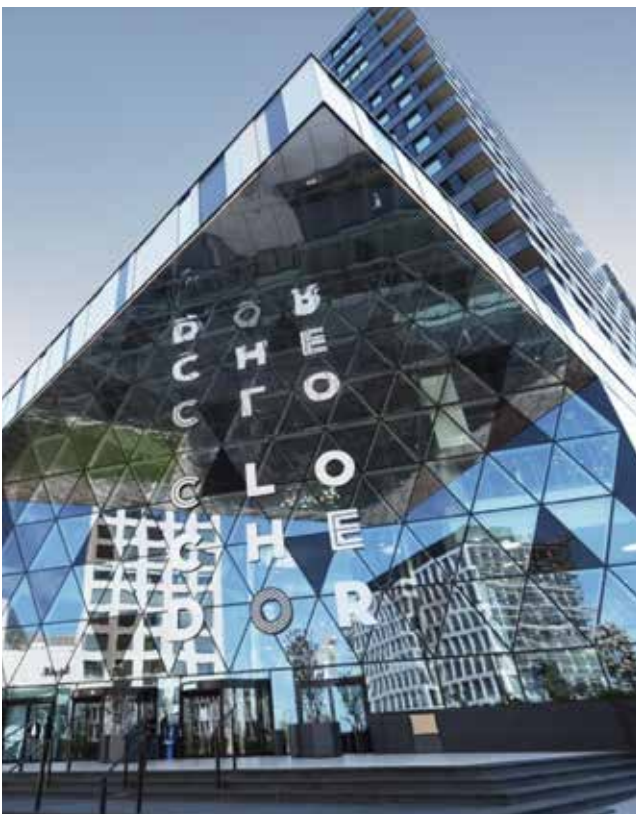
Donau shopping centre in Regensburg One of Germany's largest shopping centres with 135 retailers and service providers over a floor space of 82 000 m². Since being modernised between 2019 and 2020, RP solutions featuring more than 450 different products keep the centre safe.



Deira Water Front Market in Dubai The fish market is fully kitted out with 2000 emergency luminaires. The system is protected by a power supply system backed up by battery.



Mazaya Residence in Dubai For superlative safety: completely furnished with 1200 emergency luminaires, protected by a power supply system backed up by battery.



Cloche d'Or in Luxembourg The ultramodern shopping centre (opened in 2019) with 75 000 m² of retail space is fitted with around 5000 RP products, including more than 4600 safety luminaires and 9 central battery systems.



Augustinerhof in Nuremberg Since being opened in 2021, the Augustinerhof is home to the Deutsches Museum as well as hotels, shops and eateries. 950 luminaires and 11 central battery systems from the RP Group are used in the 23 000 m² complex.

WE TAKE SAFETY TO THE MAX. BUT NOT AT THE COST OF THE ENVIRONMENT.

Safety should be sustainable – and over the course of many years this has been the guiding principle behind our work to improve the environmental impact of our products. When developing our safety and emergency exit sign luminaires, we consistently deploy energy-saving technologies. And use environmentally-sound recyclable materials in production.

The plastics and metals we use can be fully recycled. For over 15 years, we have only used batteries low in harmful substances in our single-battery luminaires. As well as its positive impact on the environment, the LiFePO₄ battery we use has a higher energy density and better output as well as a longer life.

Our emergency exit sign luminaires use energy-saving and therefore cost-saving ERT LED technology, which guarantees uniform illumination and a large luminous range.

When designing lighting for escape routes and emergency exits in line with the relevant standards, far fewer safety luminaires are needed per building with our solutions. This translates into multiple savings: fewer luminaires means fewer installations, less maintenance work, lower costs – and less energy consumed.

So our luminaires are good not just for the environment but your pocket too!

Sustainability is of course also important in our own buildings. We have, for example, invested in around 800 solar panels. We use all the electricity produced and it even powers our electric vehicle charging points. Through this measure alone, we are able to cover roughly half of our electricity consumption with green energy.



GREENER  PERSPECTIVES

FROM WORKSHOP TO THE HISTORY



The Management Board (from left to right):
Managing Director Oliver Meinicke with the
owners Reinald and Roland Pasedag



2001

First exports of RP luminaires
to the EU.



2009

Completion of the new building.
Production floor space grows
from 2000 m² to 5500 m².
RP-Technik employs 125 members
of staff in Rodgau, Germany.

1998

First emergency luminaires
with LED technology
shortly after the launch of
white LEDs.



1981

Founding of
RP-Technik
in Rodgau, Germany.

1981

1998

2001

2009

LEADING INNOVATOR OF THE RP GROUP.

CLEVER PLANNING

2015

Launch of a series of events for electrical designers and architects.
Light laboratory certified by TÜV Rheinland.

2018

A huge number of products are type-tested by TÜV Rheinland.
Product certification for Poland and UAE.
Opening of sales offices in the UK and Poland.

2011

Expansion of the battery warehouse with the construction of a logistics centre for battery shipments.

2012

Launch of a range of LED-based general-purpose luminaires.
Start of expansion in the Middle East.

2019

Takeover of partner companies ABM-Notstromtechnik GmbH and Reinhold Sicherheit GmbH.
Launch of BATT-LOGG® to monitor the batteries used in UPS systems.



2020

Creation of a project team in India.

2021

Comprehensive launch of Wireless Basic and distinct CASAMBI-based control modules of the CASA series.

CASAMBI



2022

New production site in Romania.
New storage space in Rodgau, Germany.

2011/12

2015

2018/19

2020

2021

2022

RP-Technik GmbH
PART OF RP-GROUP

Head office

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

Phone +49 6106 660 28-0

E-mail info@rp-group.com



www.rp-group.com