FASTER PRODUCTIVE

CoreCompact 24
THE SIMPLE APPROACH TO SAFETY.

THE SMART EMERGENCY LIGHTING SYSTEM
FOR INDIVIDUAL FIRE SECTIONS

RP GROUP
SOLUTIONS IN SAFETY + LIGHTING

CoreCompact 24

THE SMARTEST COMBINATION OF SAFETY AND COST-EFFECTIVENESS.

High safety levels for low overall costs: this is the key benefit of **CoreCompact 24** – our smart emergency lighting system for power supplies
and monitoring of up to 80 emergency and safety luminaires within one fire section.

The ultra-modern 24-volt low-power system has been designed especially for users looking for a cost-effective solution – and who don't want to compromise
on matters of safety. **CoreCompact 24** is easy to install and commission as well as being impressively convenient to operate and maintain. A multitude of intelligent functions make the system particularly dependable and future-proofed.

THE BENEFITS ⓘ OF THE SYSTEM AT A GLANCE

- Smart 24-volt emergency lighting system with automatic monitoring of systems and luminaires without a separate data cable
- Easy installation and commissioning thanks to the configuration assistant with intelligent self-configuration of the connected luminaires
- Convenient to operate and monitor from any end device by means of a modern web interface
- Luminaires can be individually programmed and dimmed for flexible adjustment to modern energy concepts
- Scene control and function tests undertaken manually or using schedules
- Automatic logbook saves time during servicing and maintenance
- Fully future-proofed thanks to the option of updates via the integrated USB port
- Reliable emergency power supply thanks to long-life lithium iron phosphate battery (Version with 2 batteries available)

CONNECT, START UP, OFF YOU GO. IT'S AS EASY AS THAT TO INSTALL.

As a decentralised supply system for up to two fire sections, **CoreCompact 24** significantly reduces installation work and costs. A maximum voltage of 24 V on the output side means that it is safe to work on the system and connected luminaires. Because the supply cable also acts as the data cable, no additional cables have to be fitted for function checks and to update the emergency luminaires.

CoreCompact 24 is commissioned automatically from any end device (smartphone, tablet or PC) in a matter of minutes with the aid of the **CoreCompact24 commissioning wizard**. The system automatically detects all connected safety luminaires, switches emergency exit sign luminaires in continuous operation and puts safety luminaires into stand-by mode.
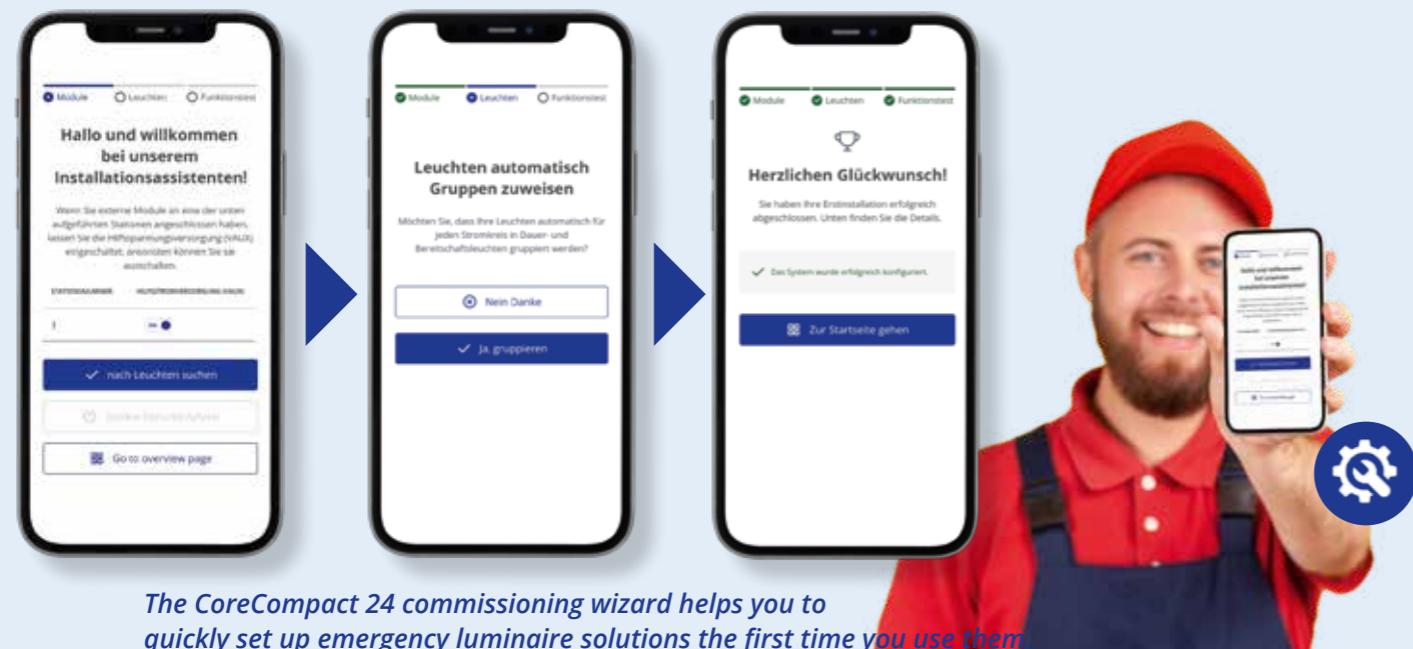
The CoreCompact 24 commissioning wizard helps you to quickly set up emergency luminaire solutions the first time you use them.

IT'S REALLY SMART: SET- UP VIA THE WEB INTERFACE.

CoreCompact 24 makes setting up and monitoring safety luminaires very simple, convenient and reliable. After commissioning, the emergency lighting system can be managed and monitored from any end device via an easy-to-use web interface. The graphic user interface ensures high levels of operating convenience and the building operator's installers and technicians will familiarise themselves with it in no time.

The **CoreCompact 24** interface provides a range of functions which far surpasses that available from other comparable solutions. The luminaires can be programmed and dimmed centrally. Schedules can be set, for controlling function tests and scenes, for example. These functions make particularly energy-saving and therefore cost-saving operation possible and also permit flexible adaptation to users' changing requirements.

NEED TO MONITOR AND DOCUMENT SYSTEMS AUTOMATICALLY? FINE!

Messages about the system status are displayed on both the integrated touch display and the web interface of your desired end device. Automatic e-mail notifications in the event of errors ensure clear information about the system and thereby significantly improve operational safety. What's more, messages can also be transmitted to connected central building control systems using freely programmable relay contacts or be displayed on the optional remote panel.

CoreCompact 24 automatically keeps a logbook that saves valuable working time during servicing and maintenance. Facility managers hardly need any additional documentation for regular testing.

WELL POSITIONED FOR CHANGING REQUIREMENTS. AND THE FUTURE.

The demands placed on an emergency lighting system may change over time – or vary constantly, for example in public areas such as cinemas, concert halls or school classrooms. **CoreCompact 24** is ready. Luminaires can be dimmed individually or scenes can be controlled using schedules allowing for rapid adaptation to the desired lighting situation at any time.

The ability to update in a centralised manner makes the system highly future-proofed. The integrated USB port allows all system components, including the connected luminaires, to be updated. This reduces the amount of time spent on data backups and firmware updates to a minimum – and keeps your emergency luminaire system fully up-to-date at all times.

LONG-LASTING POWER. THE CoreCompact 24 POWER SUPPLY.

Should the mains supply fail, you will need a reliable power supply for your safety lighting. CoreCompact 24 is one of the first systems on the market to feature a powerful lithium iron phosphate battery (LiFePO4) with integrated battery management. The battery provides high levels of intrinsic safety and reliability. It has a much longer service life and weighs less than lead batteries. You also don't need to concern yourself with an ageing correct factor or separate ventilation.

ONE SYSTEM. MANY OPPORTUNITIES.
THE NEW CoreCompact 24
EMERGENCY LUMINAIRE RANGE.

A new extensive range of modern 24 V LED emergency luminaires is the perfect addition to our **CoreCompact 24** emergency lighting system. This includes, for example, the IADL – the smallest safety luminaire currently available. Whether you are looking for emergency exit sign luminaires or safety luminaires, wall or ceiling mounting, installation or attachment solutions, you will find perfect luminaires for any individual requirement in the 24 V portfolio of the RP Group.

AMC

ASMU

FMW

KCD/KCW

KDU

KMU

KSC

KWID/KWIW

PMD

PMW

FMDS

KBU

WHG/WHX

KMB

KWIW

WAF

WEF

WER

ZAW

EA (round/square)

EE (round/square)

ILE

ILD

IAD
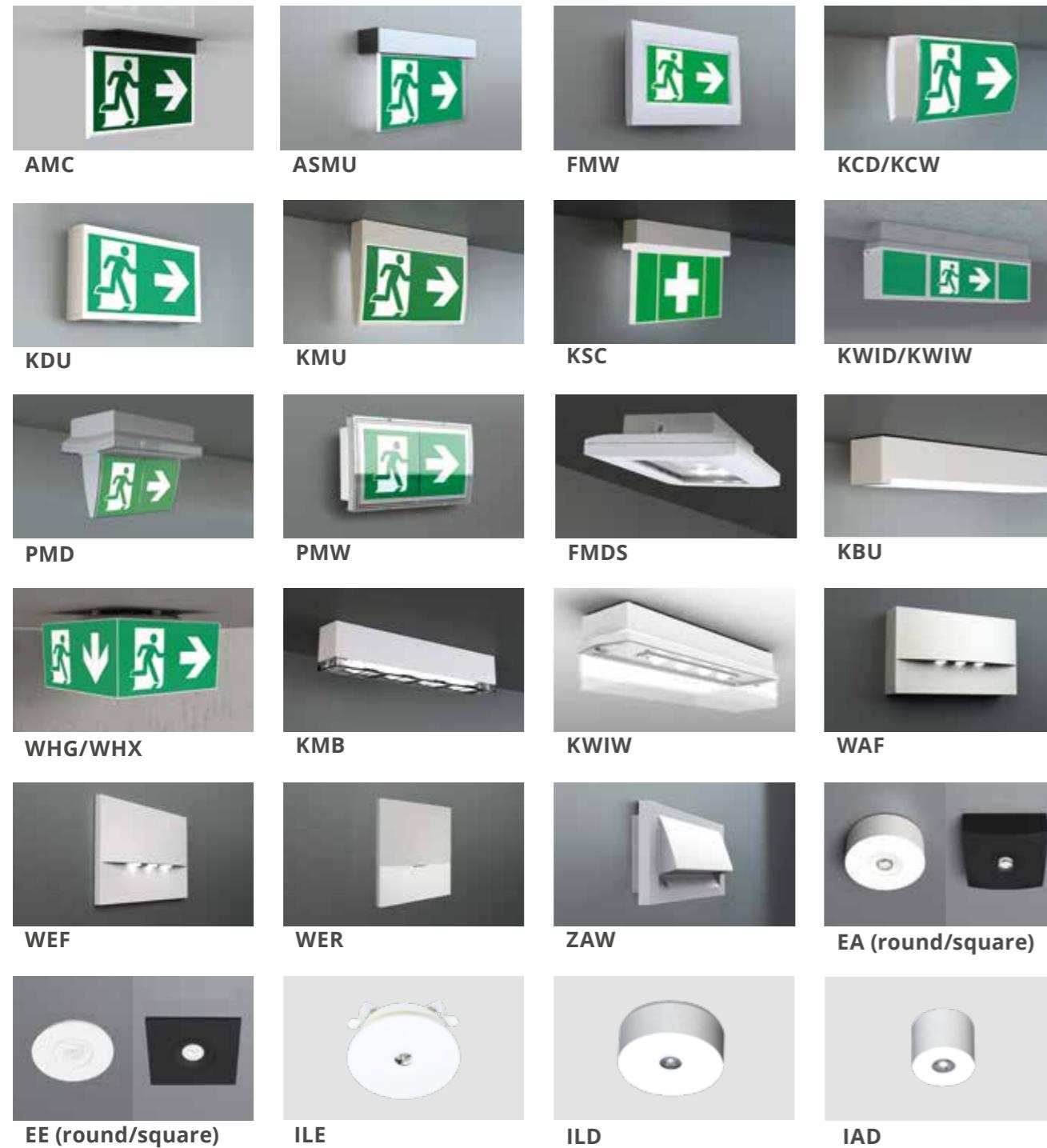
TECHNICAL DATA

Circuits	4 (Expandable to 12 by CC24-Splitter)
Maximum number of luminaires	80 per CoreCompact 24 system (optional 240)
Battery compartment built-in	Yes
Battery built-in	Yes, type LiFePO4, 20 Ah or 40 Ah
Charger built-in	Yes
Networkable	Yes
Recommended backup fuse	LS 13 A
Input voltage	230 V AC
Input frequency	50 / 60 Hz
Output voltage	24 V
Material	Steel plate
Colour	RAL 7016 anthracite grey and RAL 9010 pure white
Protection	IP 20
Protection class	I
Dimensions	230 x 250 x 455mm

Compact on the outside, powerful on the inside: the new 24 V CoreCompact 24 emergency lighting system.

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