

Press Release

Characters: approx. 1,600

World premiere Wireless Basic®: Controlling emergency lighting systems via mobile app

Rodgau, Germany, 18 March 2018. At the trade fair Light + Building 2018, RP-Technik GmbH presents for the first time Wireless Basic®, its trailblazing software for mobile control and monitoring of small-sized emergency lighting systems. Up to 50 self-contained luminaires equipped with the Wireless Basic® module communicate with each other via Bluetooth Low Energy (BLE) and with an Android mobile device (smartphone or tablet).

All luminaires of an installation build a closed and secure Bluetooth mesh network. Emergency and safety luminaires equipped with the Wireless Basic® module transmit their current status as well as the results of the regularly carried out statutory inspections to the mobile device. The relevant data and complete inspection records are additionally stored in a cloud-based database on the RP online portal LIGHTLINX®.

Due to the Bluetooth wireless modules, an extensive cabling is not necessary, thus making the installation of the luminaires very easy. By means of the Wireless Basic® app all luminaires can be configured conveniently, centrally and individually. The user can program automatic test intervals, carry out manual tests and retrieve test results via the app.

Based on the fact that Wireless Basic® luminaires are active transmitters as well as repeaters, the effective wireless range of the Bluetooth communication is extended: If a mobile device is within range of a single luminaire, it can also access all other luminaires and retrieve their data at the same time. Hence, maintenance effort is reduced significantly.