

Press Release

Characters: approx. 1,800

Intelligent light management via mobile device app

Rodgau, Germany, 18 March 2018. ROPAG GmbH offers a new wireless solution for the equipment of buildings with general lighting: Luminaires at one's own choice combined with the intelligent light control CASAMBI inside. By means of Bluetooth Low Energy (BLE) and a user-friendly app, up to 127 luminaires in a network and overall, an unlimited number of luminaires can be easily controlled via smartphone or tablet.

The extremely energy-saving BLE technology enables a mobile device to directly and quickly communicate with a luminaire. As luminaires with CASAMBI inside are immediately operational and automatically detected by the app. Each CASAMBI module is at the same time transmitter and receiver. It forms a self-organizing mesh network where each luminaire can relay information to and from others, and thus, no central unit is required. The wireless range is about 20 m and extends itself luminaire by luminaire.

Besides the individual programming possibilities for controlling single luminaires or groups of luminaires, this package solution offers further advantages: No additional cabling necessary, space-saving modules for wall or ceiling mounting, flexibly extensible. As well, conventional command devices such as switches and motion sensors can be integrated for control purposes. Hence, this package is well suited for the retrofitting of buildings or for installations in areas with difficult access. The user can choose between light bulbs, fluorescent lamps, high-voltage halogen luminaires (230 V) or various LED light solutions.

Via the Casambi app, the user can easily and individually configure timer functions, brightness and hue or even complete light displays as well as scene-based control of groups of luminaires. Especially in office buildings, luminaires with CASAMBI inside facilitate the optimum illumination of workplaces.