

Press Release

TUNABLE WHITE LIGHT CONTROL IN COMMERCIAL BUILDINGS

Improved quality of indoor life and people's performance
by the simulation of the behaviour of natural light.

Lainate, November 2017 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents its new DALI controller module, the SB2DALIT8230.

This new module is able to manage tunable white DALI 2 type 8 LED lights via new software with advanced features for the Sx2WEB controller.

Since energy efficiency is fundamental when speaking about lighting control in buildings, the daylight harvesting algorithm has been further improved to deliver better performances when the indoor light is automatically managed according to the outdoor light, reducing waste of energy.

The simulation of natural light, by using the colour temperature of the LEDs, means a higher level of comfort and better people's performance.

"The new SB2DALIT8230 controller is now able to create different scenarios so as to customize an indoor space and recreate the effects of natural light, in terms of light intensity and colour temperature (CCT), in order to deliver Human Centric Lighting solutions focusing on people and their specific environmental needs," says Raffaella Sirena – International Product Manager. "Carlo Gavazzi is now one of the very few players in the market who can deliver an advanced, complete and easy to commission lighting control system, so we have a great business opportunity in this fast-moving and fast-growing market."

Developed by our Competence Centre in Italy, the SB2DALIT8230 controller has been specifically designed for the Building Automation market in order to maximise the influence of artificial lighting on people's daily life in offices, schools, stores and healthcare facilities.

Main technical features

- Dynamic feature to automatically mimic daylight colour temperature and brightness levels with respect to the time of day, for optimal visual comfort
- Sophisticated control strategies to follow the circadian rhythm, by changing the LED colour temperature from warm white (2700K) all the way to cool white (6500K)
- Daylight harvesting for energy efficient light control
- Capability to configure the smart-light calendar via Modbus and BACnet

ABOUT CARLO GAVAZZI AUTOMATION

Carlo Gavazzi Automation is an international electronics group with activities in the design, manufacture and marketing of electronic equipment targeted at the global markets of industrial and building automation.

Carlo Gavazzi Automation provides customers with technologically innovative, high quality and competitive solutions, in compliance with their requirements and expectations through its 22 National Sales Companies in Europe, the Americas and Asia & Pacific, operating with its production sites in Denmark, Italy, Malta, Lithuania and China.

For further information:

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